

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
 Data File : VX000061.D
 Acq On : 12 Feb 2018 13:00
 Operator : JC/MD
 Sample : MDL 05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ClientSampled :
 MDL 05

Manual Integrations
 APPROVED

MMDadoda
 2/15/2018 6:05:09 PM

Quant Time: Feb 13 03:19:35 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	124662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	202925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	189709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	103110	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	67213	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
35) Dibromofluoromethane	5.52	113	57129	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
50) Toluene-d8	8.73	98	210753	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	
62) 4-Bromofluorobenzene	11.15	95	83830	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	597	0.53	ug/l	100
3) Chloromethane	1.32	50	690	0.60	ug/l	99
4) Vinyl Chloride	1.40	62	713	0.55	ug/l #	85
5) Bromomethane	1.65	94	855	1.23	ug/l	81
6) Chloroethane	1.74	64	1432	1.84	ug/l #	69
7) Trichlorofluoromethane	1.94	101	1349	0.60	ug/l #	80
8) Diethyl Ether	2.20	74	514	0.63	ug/l	75
9) 1,1,2-Trichlorotrifluoroet	2.39	101	674	0.53	ug/l	88
10) Methyl Iodide	2.52	142	857	2.23	ug/l #	91
11) Tert butyl alcohol	3.07	59	1693	3.25	ug/l #	68
12) 1,1-Dichloroethene	2.39	96	658	0.54	ug/l	91
13) Acrolein	2.30	56	895	3.35	ug/l	90
14) Allyl chloride	2.74	41	1047	0.50	ug/l #	81
15) Acrylonitrile	3.16	53	2569	2.83	ug/l	95
16) Acetone	2.45	43	2756	3.57	ug/l	92
17) Carbon Disulfide	2.58	76	2049	0.58	ug/l #	94
18) Methyl Acetate	2.79	43	1207	0.62	ug/l	96
19) Methyl tert-butyl Ether	3.22	73	2094	0.51	ug/l	96
20) Methylene Chloride	2.87	84	901	0.70	ug/l	94
21) trans-1,2-Dichloroethene	3.18	96	813	0.62	ug/l #	76
22) Diisopropyl ether	3.89	45	2268	0.65	ug/l	97
23) Vinyl Acetate	3.84	43	9030	2.87	ug/l	97
24) 1,1-Dichloroethane	3.71	63	1224	0.57	ug/l #	86
25) 2-Butanone	4.72	43	3536	3.04	ug/l	97
26) 2,2-Dichloropropane	4.59	77	1118	0.60	ug/l #	64
27) cis-1,2-Dichloroethene	4.61	96	593	0.46	ug/l	99
28) Bromochloromethane	5.03	49	386	0.54	ug/l #	89
29) Tetrahydrofuran	5.18	42	2711	3.40	ug/l	98
30) Chloroform	5.22	83	1296	0.59	ug/l #	77
31) Cyclohexane	5.60	56	906	0.51	ug/l #	83
32) 1,1,1-Trichloroethane	5.52	97	1073	0.52	ug/l #	48
36) 1,1-Dichloropropene	5.81	75	949	0.54	ug/l #	89
37) Ethyl Acetate	4.88	43	1544	0.68	ug/l #	77
38) Carbon Tetrachloride	5.80	117	1019	0.51	ug/l #	84

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.48	83	1056	0.49	ug/l #	63
40) Benzene	6.15	78	2409	0.48	ug/l #	86
41) Methacrylonitrile	5.08	41	844	0.72	ug/l #	72
42) 1,2-Dichloroethane	6.21	62	888	0.50	ug/l #	74
43) Isopropyl Acetate	6.48	43	1891	0.55	ug/l #	90
44) Trichloroethene	7.22	130	884	0.57	ug/l	91
45) 1,2-Dichloropropane	7.53	63	662	0.55	ug/l	99
46) Dibromomethane	7.67	93	502	0.54	ug/l #	83
47) Bromodichloromethane	7.91	83	765	0.42	ug/l #	95
48) Methyl methacrylate	7.79	41	1058	0.63	ug/l #	82
49) 1,4-Dioxane	7.78	88	462	10.27	ug/l #	90
51) 4-Methyl-2-Pentanone	8.66	43	5936	2.48	ug/l	95
52) Toluene	8.79	92	1642	0.49	ug/l	92
53) t-1,3-Dichloropropene	8.45	75	981	0.46	ug/l	91
54) cis-1,3-Dichloropropene	9.05	75	977	0.47	ug/l #	93
55) 1,1,2-Trichloroethane	9.23	97	667	0.47	ug/l #	87
56) Ethyl methacrylate	9.20	69	1106	0.51	ug/l	92
57) 1,3-Dichloropropane	9.38	76	1087	0.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	2797	2.62	ug/l	96
59) 2-Hexanone	9.51	43	5079	2.61	ug/l	92
60) Dibromochloromethane	9.59	129	795	0.49	ug/l	80
61) 1,2-Dibromoethane	9.68	107	702	0.45	ug/l	92
64) Tetrachloroethene	9.34	164	818	0.58	ug/l	94
65) Chlorobenzene	10.15	112	2156	0.55	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	758	0.53	ug/l #	58
67) Ethyl Benzene	10.26	91	3346	0.51	ug/l	95
68) m/p-Xylenes	10.37	106	2636	1.01	ug/l	99
69) o-Xylene	10.71	106	1191	0.47	ug/l	93
70) Styrene	10.72	104	2083	0.49	ug/l	94
71) Bromoform	10.87	173	514	0.38	ug/l #	93
73) Isopropylbenzene	11.03	105	3460	0.53	ug/l	100
74) N-amyl acetate	6.48	43	1891	0.58	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.28	83	1143	0.51	ug/l	95
76) 1,2,3-Trichloropropane	11.30	75	1019m	0.52	ug/l	
77) Bromobenzene	11.26	156	992	0.56	ug/l	92
78) n-propylbenzene	11.37	91	4242	0.56	ug/l	90
79) 2-Chlorotoluene	11.43	91	2510	0.57	ug/l	96
80) 1,3,5-Trimethylbenzene	11.52	105	2728	0.50	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.09	75	313m	0.40	ug/l	
82) 4-Chlorotoluene	11.52	91	2867	0.55	ug/l	94
83) tert-Butylbenzene	11.78	119	2739	0.49	ug/l	95
84) 1,2,4-Trimethylbenzene	11.82	105	2970	0.53	ug/l	93
85) sec-Butylbenzene	11.96	105	3616	0.53	ug/l	98
86) p-Isopropyltoluene	12.07	119	3349	0.55	ug/l	87
87) 1,3-Dichlorobenzene	12.04	146	1900	0.57	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	2077m	0.61	ug/l	
89) n-Butylbenzene	12.40	91	3083	0.54	ug/l	99
90) Hexachloroethane	12.61	117	540	0.50	ug/l	80
91) 1,2-Dichlorobenzene	12.40	146	1695	0.52	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	326	0.51	ug/l	88

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QLast Update : Fri Feb 09 23:01:05 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1355	0.54	ug/l	96
94) Hexachlorobutadiene	13.79	225	700	0.59	ug/l	85
95) Naphthalene	13.85	128	4235	0.52	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	1213	0.50	ug/l	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

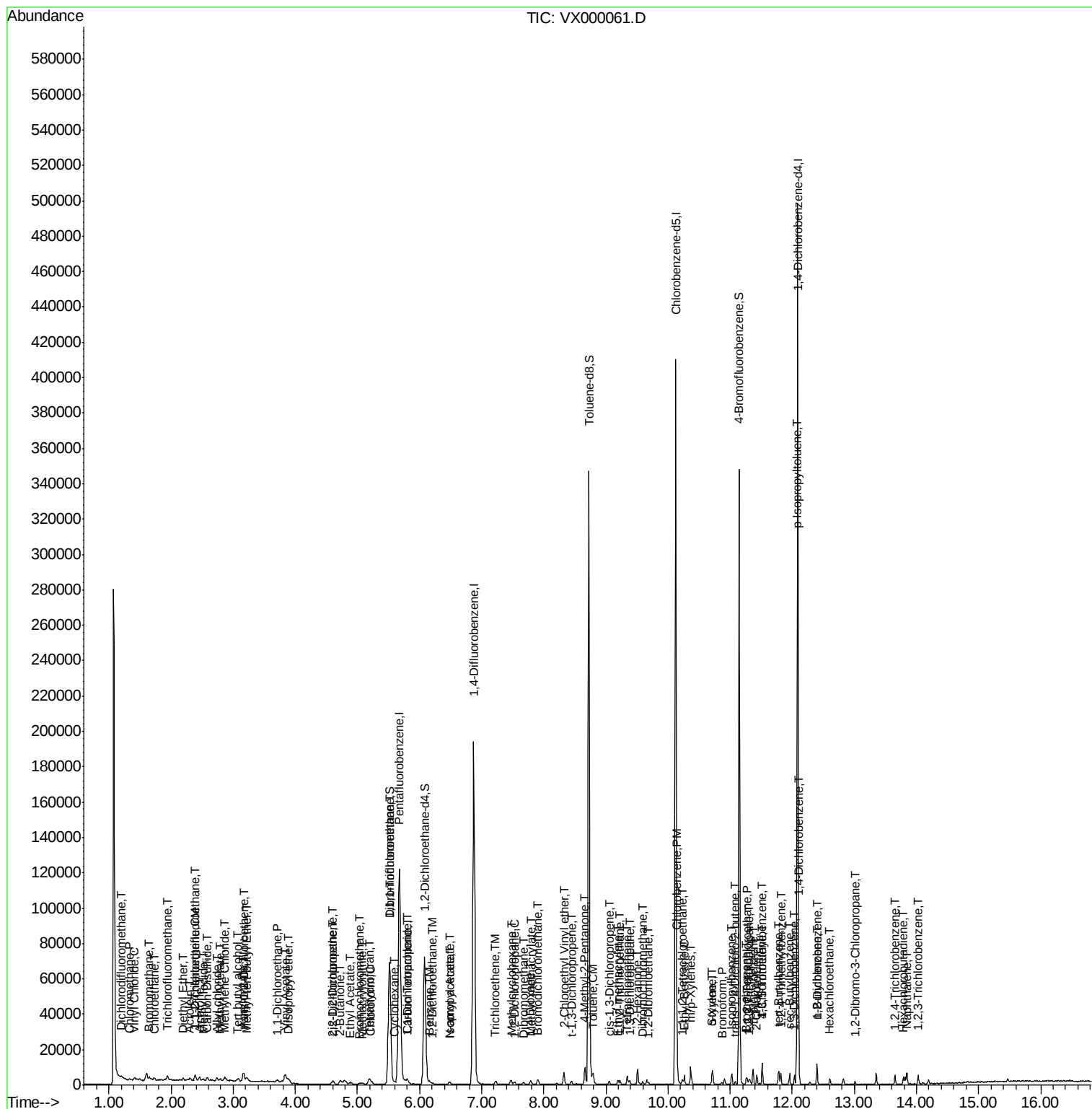
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ALS Vial   : 5      Sample Multiplier: 1
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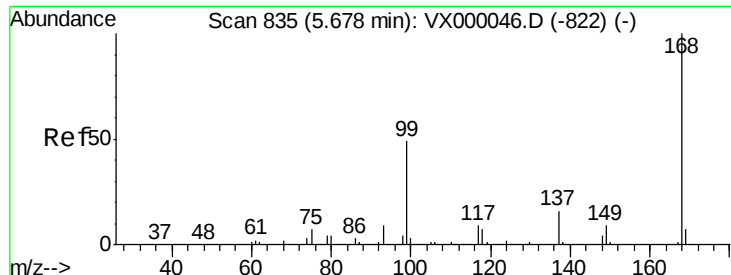
Instrument :
ClientSampleId :
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Manual Integrations APPROVED

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Quant Title : SW846 8260
QLast Update : Fri Feb 09 23:01:05 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

ClientSampled :

MDL 05

Tot Ion:168 Resp: 124662

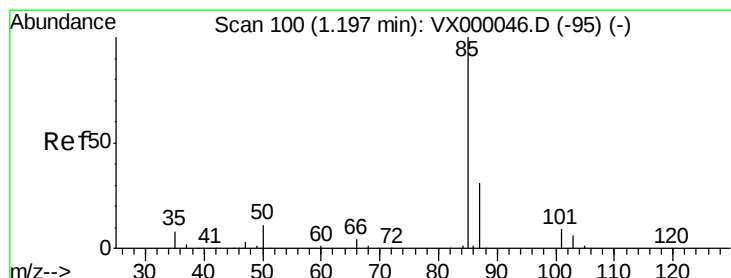
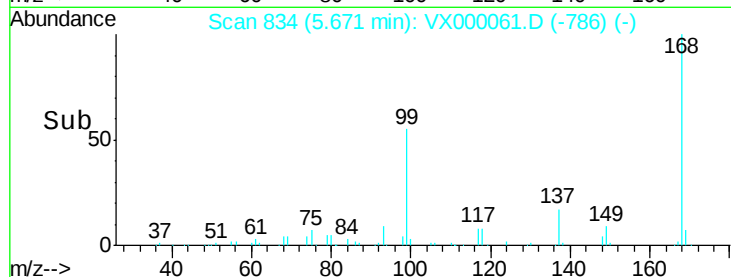
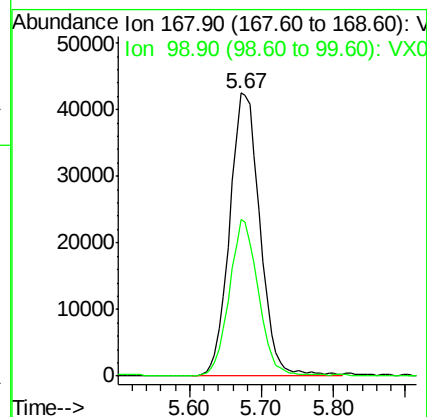
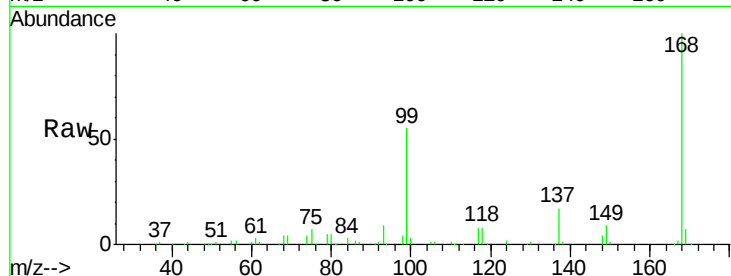
Ion Ratio Lower Upper

168 100

99 55.2 39.4 59.2

Manual Integrations
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2/15/2018 6:05:09 PM



#2

Dichlorodifluoromethane

Concen: 0.53 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000061.D

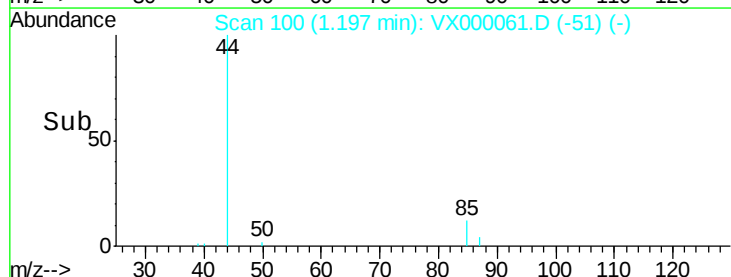
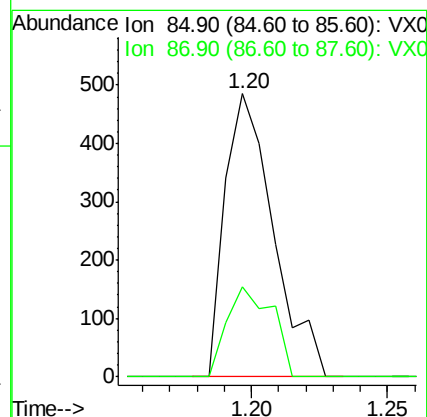
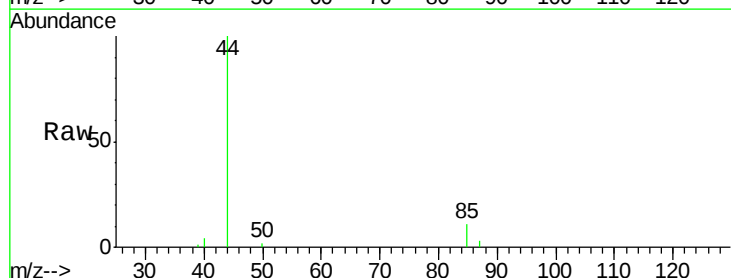
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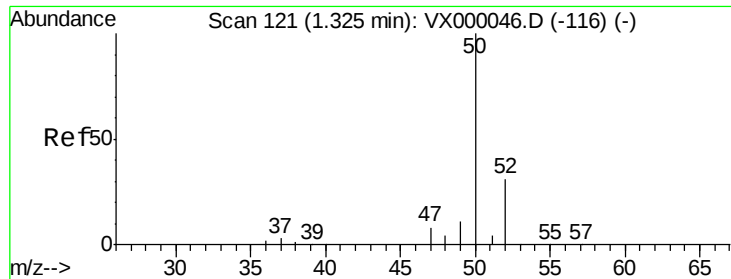
Tgt Ion: 85 Resp: 597

Ion Ratio Lower Upper

85 100

87 31.5 15.7 47.0





#3

Chloromethane

Concen: 0.60 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

ClientSampled :

MDL 05

Tot Ion: 50 Resp: 690

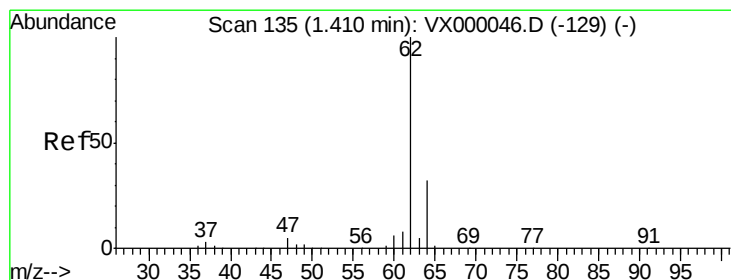
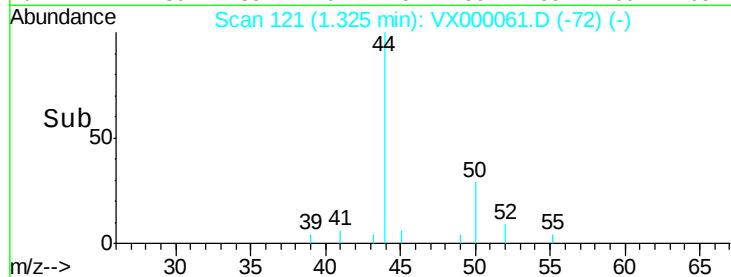
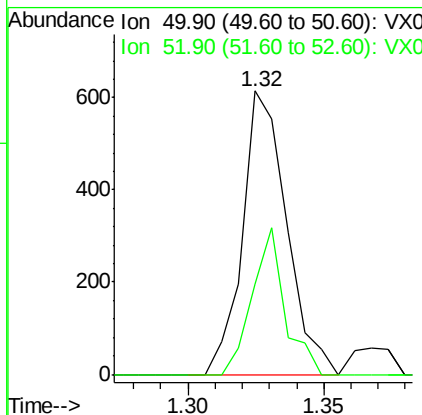
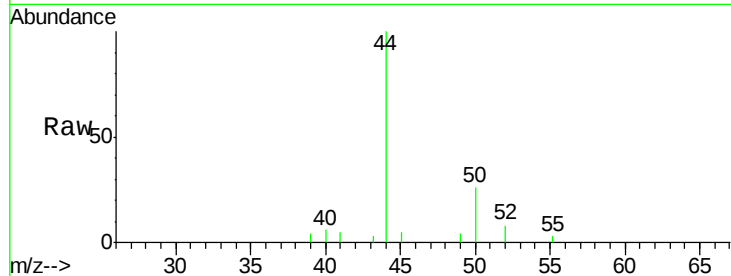
Ion Ratio Lower Upper

50 100

52 32.1 25.0 37.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 0.55 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000061.D

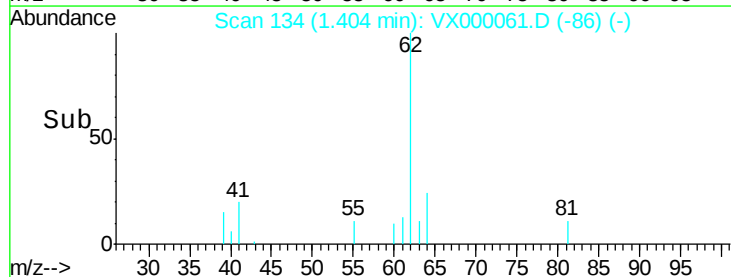
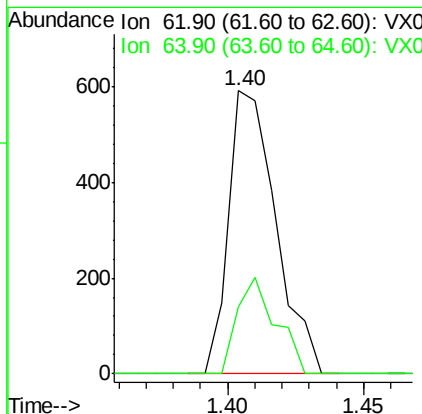
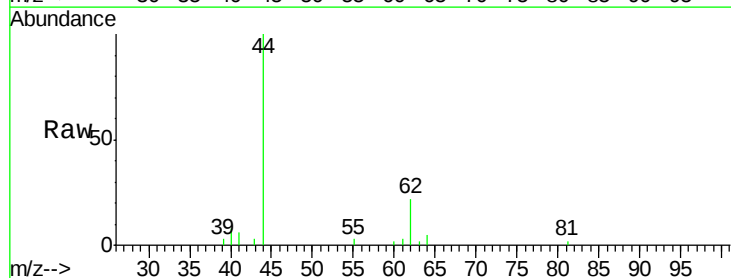
Acq: 12 Feb 2018 13:00

Tgt Ion: 62 Resp: 713

Ion Ratio Lower Upper

62 100

64 23.6 25.4 38.0#





#5

Bromomethane

Concen: 1.23 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

ClientSampled :

MDL 05

Tot Ion: 94 Resp: 855

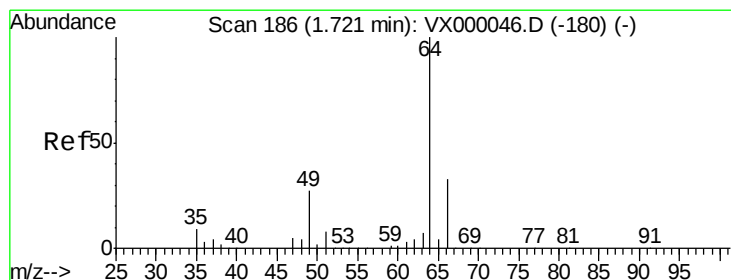
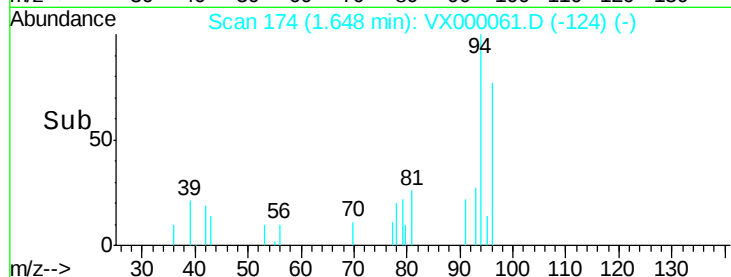
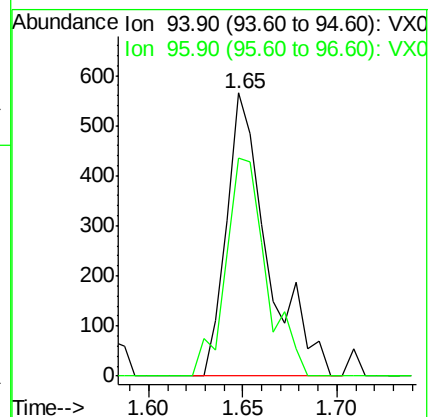
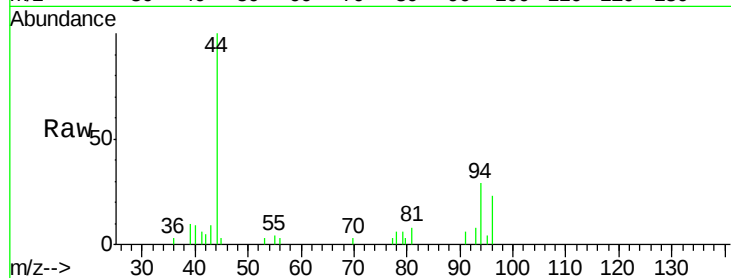
Ion Ratio Lower Upper

94 100

96 77.0 76.7 115.1

Manual Integrations
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#6

Chloroethane

Concen: 1.84 ug/l

RT: 1.74 min Scan# 189

Delta R.T. 0.02 min

Lab File: VX000061.D

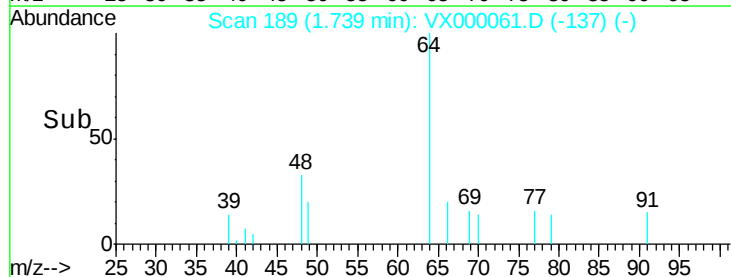
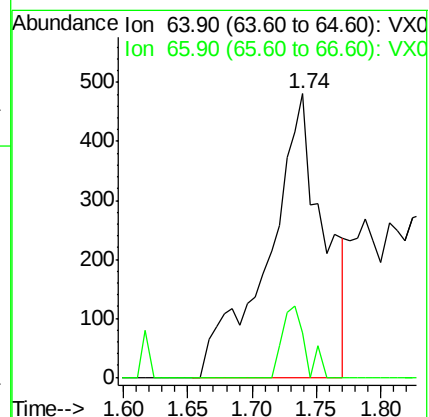
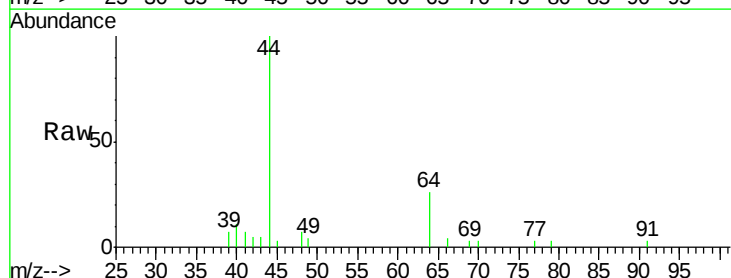
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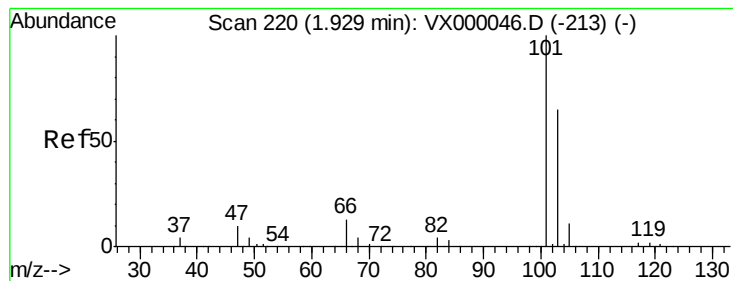
Tgt Ion: 64 Resp: 1432

Ion Ratio Lower Upper

64 100

66 15.6 26.4 39.6#





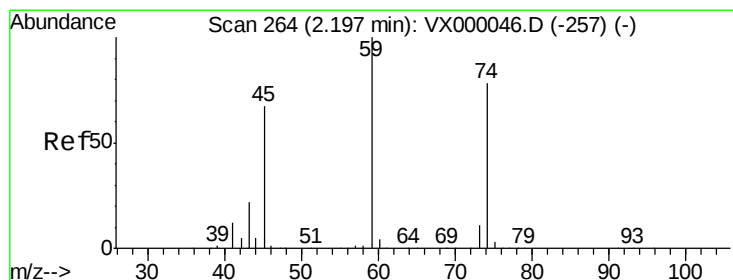
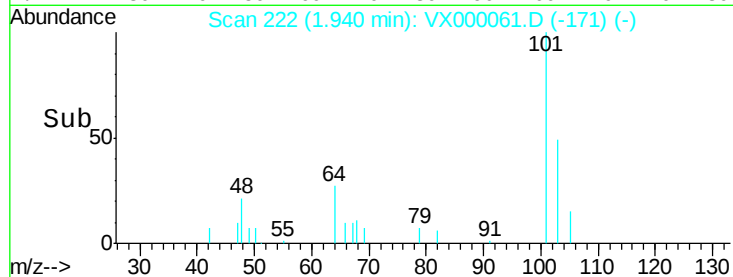
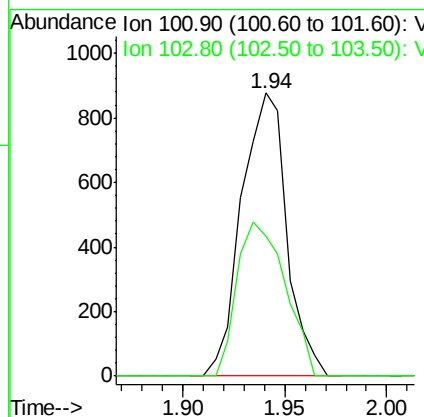
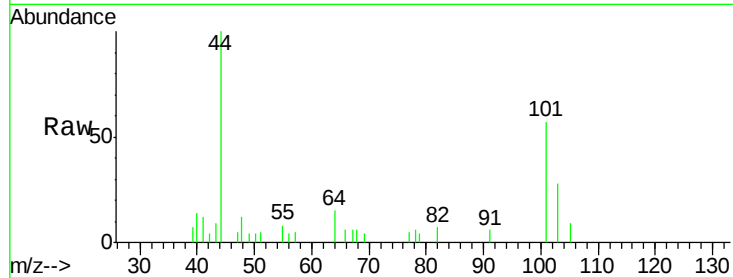
#7
 Trichlorofluoromethane
 Concen: 0.60 ug/l
 RT: 1.94 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Instrument :
 ClientSampled :
 MDL 05

Tot Ion:101 Resp: 1349
 Ion Ratio Lower Upper
 101 100
 103 49.5 52.3 78.5#

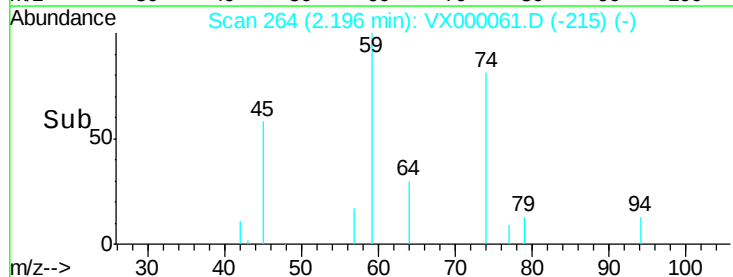
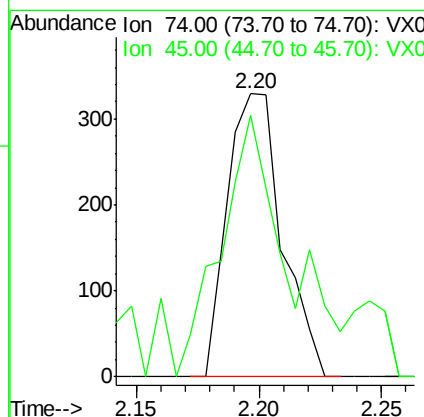
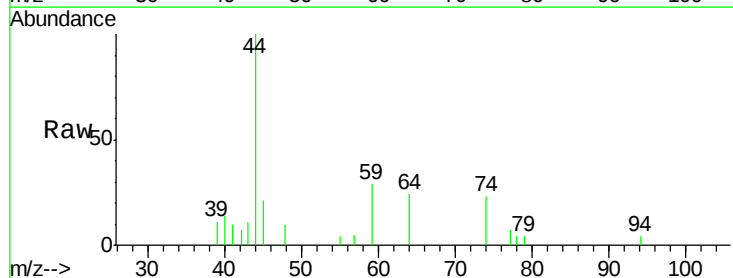
Manual Integrations
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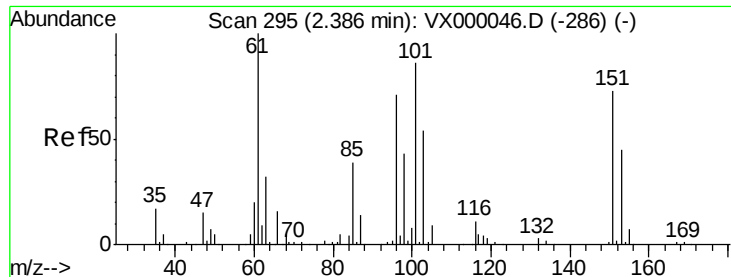
MMDadoda
 2/15/2018 6:05:09 PM



#8
 Diethyl Ether
 Concen: 0.63 ug/l
 RT: 2.20 min Scan# 264
 Delta R.T. -0.00 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Tgt Ion: 74 Resp: 514
 Ion Ratio Lower Upper
 74 100
 45 111.7 44.3 132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.53 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

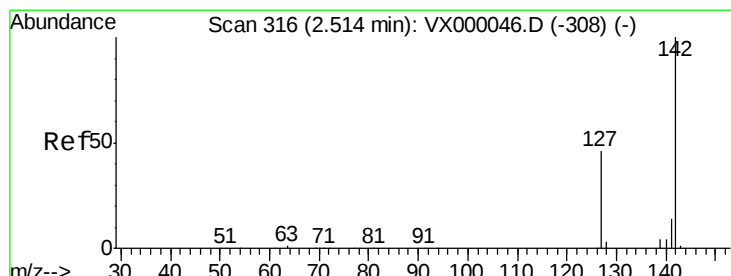
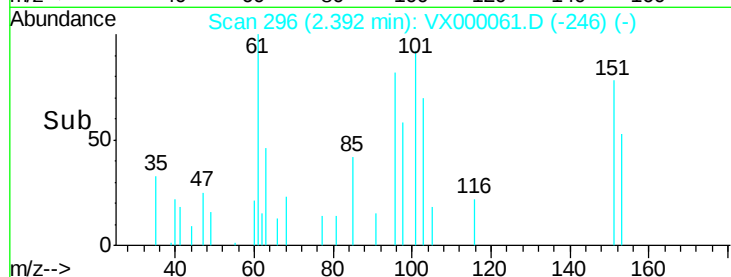
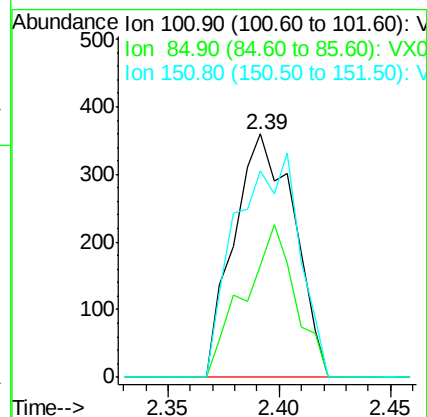
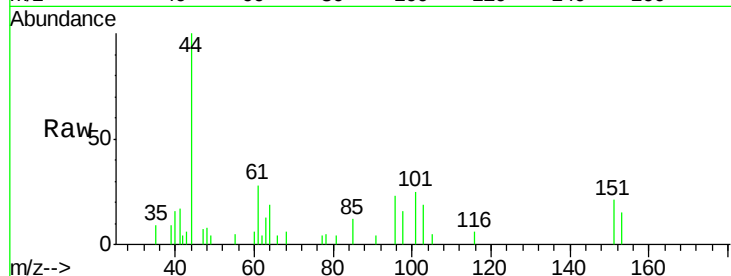
ClientSampled :

MDL 05

Tot Ion:	101	Resp:	674
Ion Ratio	Lower	Upper	
101	100		
85	53.6	36.6	54.8
151	96.7	68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 2.23 ug/l

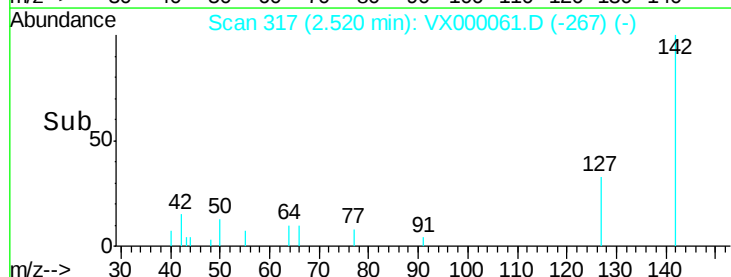
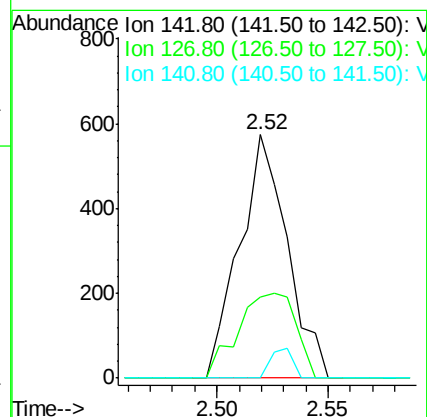
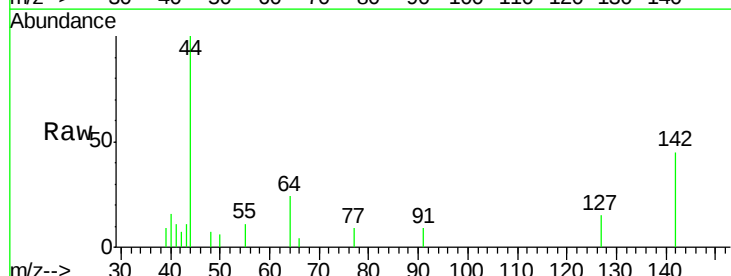
RT: 2.52 min Scan# 317

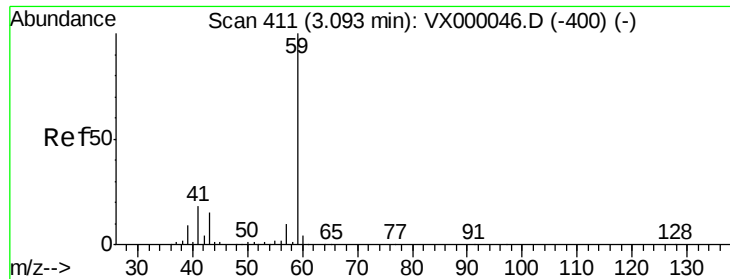
Delta R.T. 0.01 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Tgt Ion:	142	Resp:	857
Ion Ratio	Lower	Upper	
142	100		
127	42.5	36.8	55.2
141	5.6	11.4	17.0#





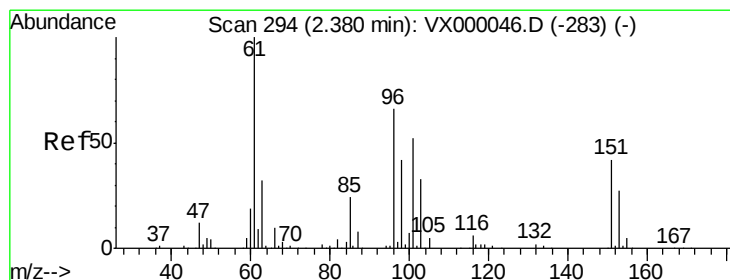
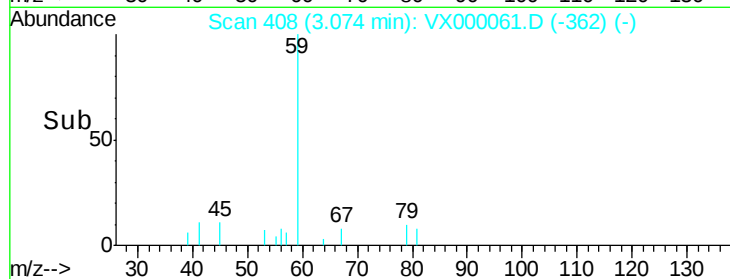
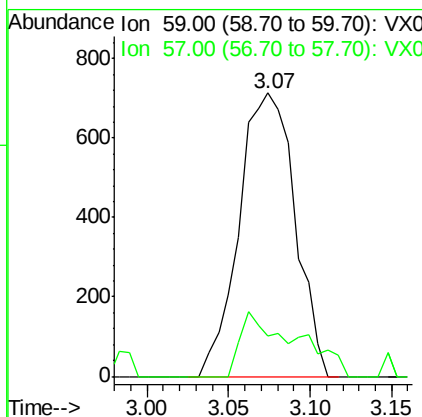
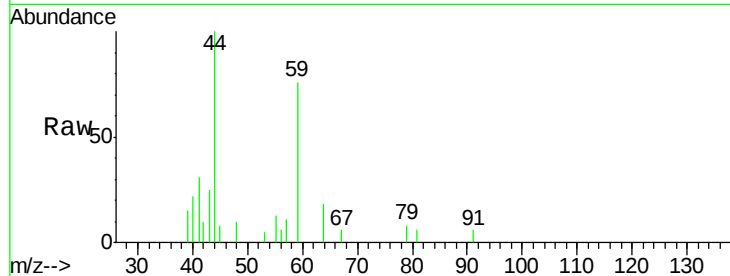
#11
Tert butyl alcohol
Concen: 3.25 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.02 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
ClientSampled :
MDL 05

Tot Ion: 59 Resp: 1693
Ion Ratio Lower Upper
59 100
57 22.7 8.4 12.6#

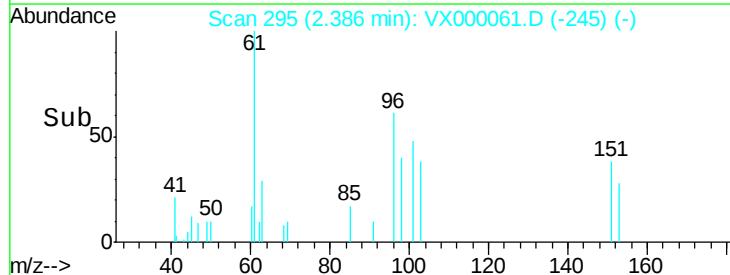
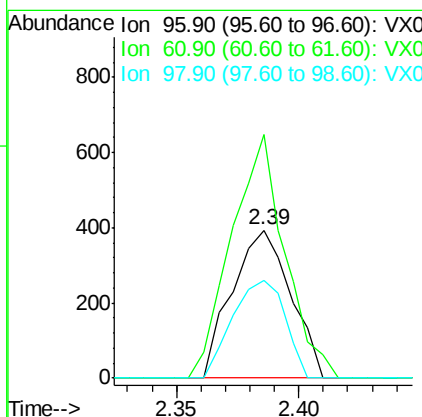
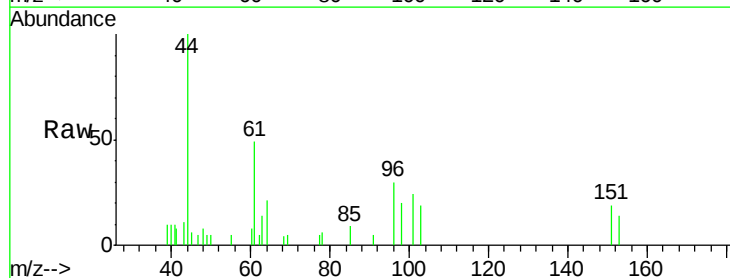
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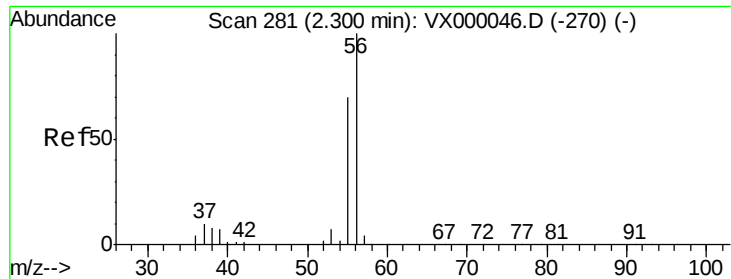
MMDadoda
2/15/2018 6:05:09 PM



#12
1,1-Dichloroethene
Concen: 0.54 ug/l
RT: 2.39 min Scan# 295
Delta R.T. 0.01 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion: 96 Resp: 658
Ion Ratio Lower Upper
96 100
61 164.5 120.3 180.5
98 65.7 51.0 76.4





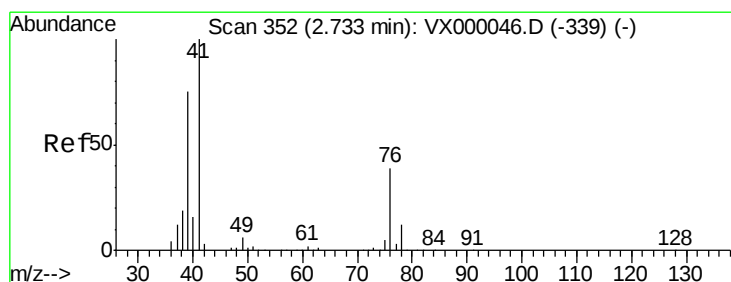
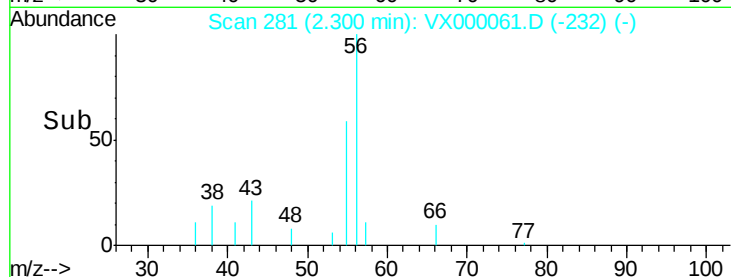
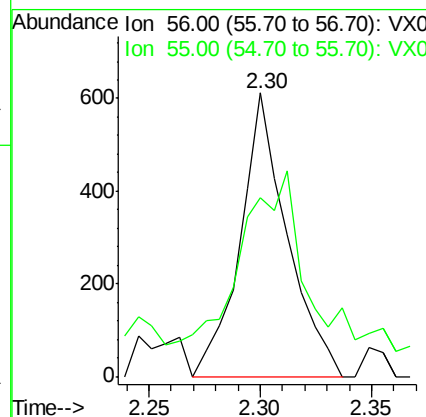
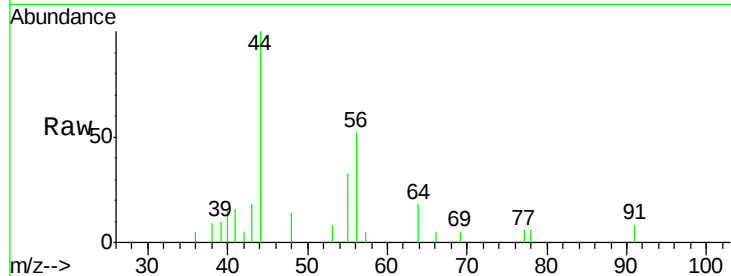
#13
Acrolein
Concen: 3.35 ug/l
RT: 2.30 min Scan# 281
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
ClientSampled :
MDL 05

Tot Ion	Ratio	Lower	Upper
56	100		
55	79.0	56.4	84.6

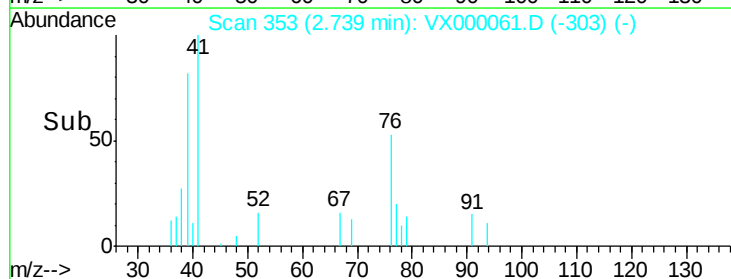
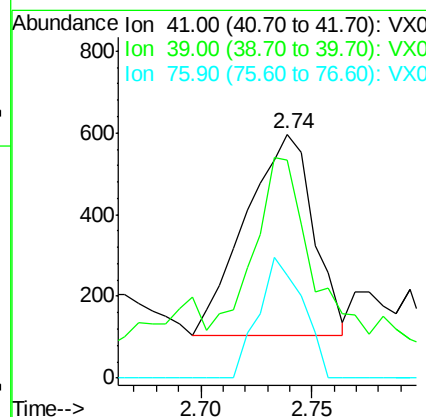
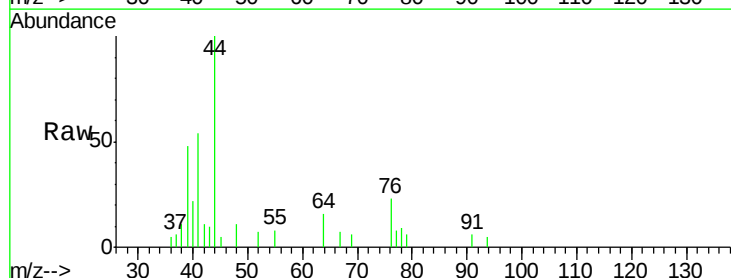
Manual Integrations
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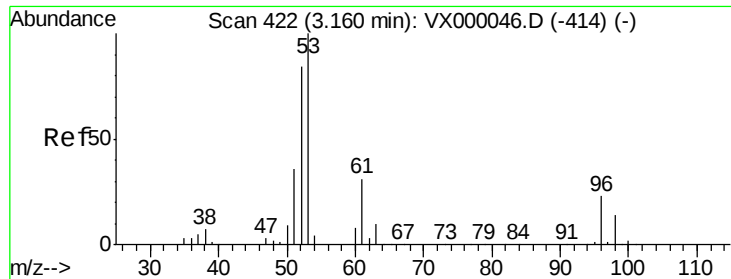
MMDadoda
2/15/2018 6:05:09 PM



#14
Allyl chloride
Concen: 0.50 ug/l
RT: 2.74 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
41	100		
39	90.5	55.8	83.6#
76	39.3	28.7	43.1





#15

Acrylonitrile

Concen: 2.83 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

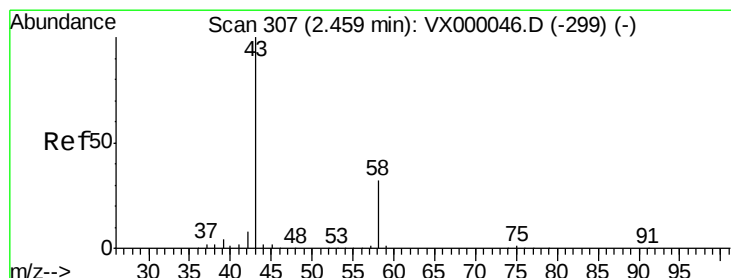
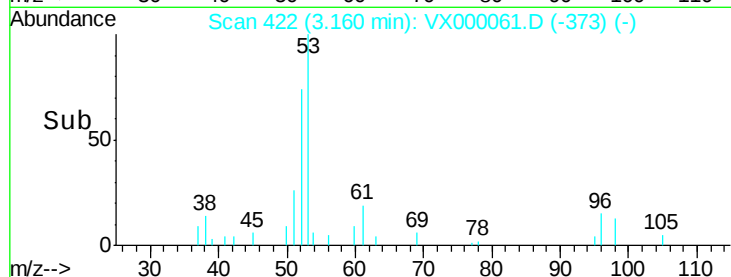
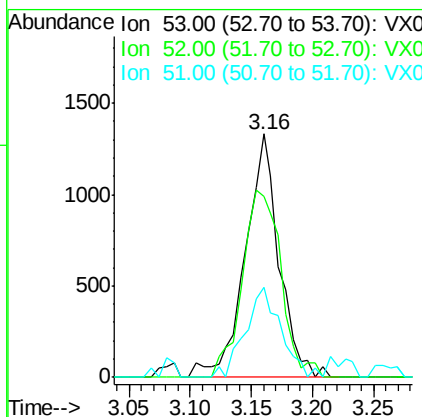
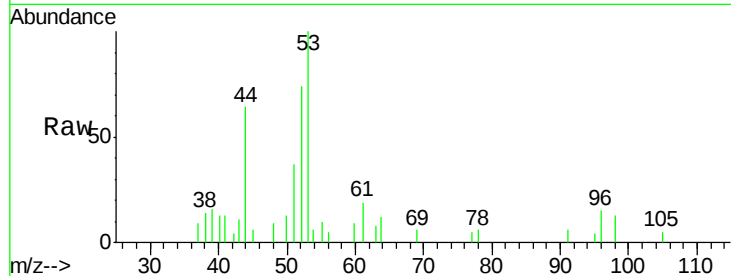
ClientSampled :

MDL 05

Tot Ion:	53	Resp:	2569
Ion	Ratio	Lower	Upper
53	100		
52	87.8	66.5	99.7
51	38.2	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 3.57 ug/l

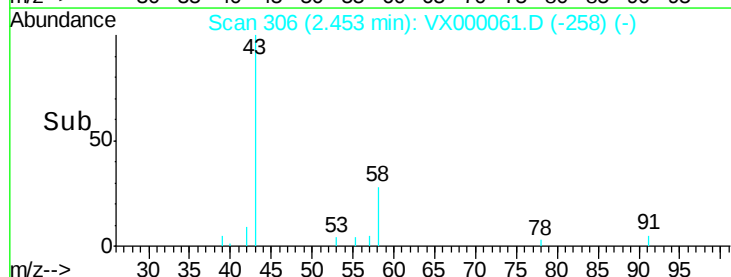
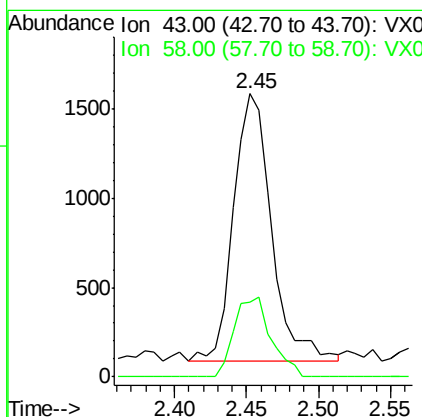
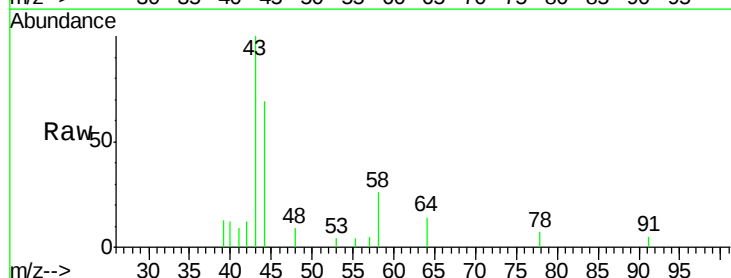
RT: 2.45 min Scan# 306

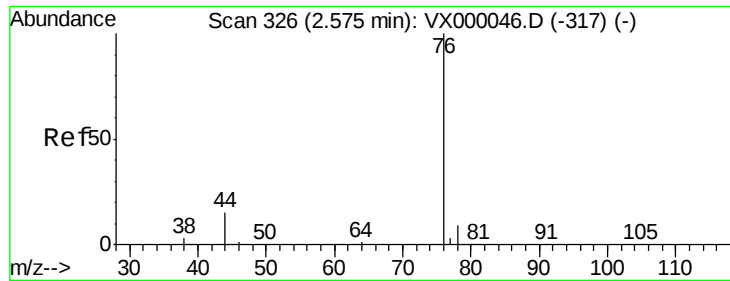
Delta R.T. -0.01 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Tgt Ion:	43	Resp:	2756
Ion	Ratio	Lower	Upper
43	100		
58	27.9	25.9	38.9





#17

Carbon Disulfide

Concen: 0.58 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

ClientSampled :

MDL 05

Tot Ion: 76 Resp: 2049

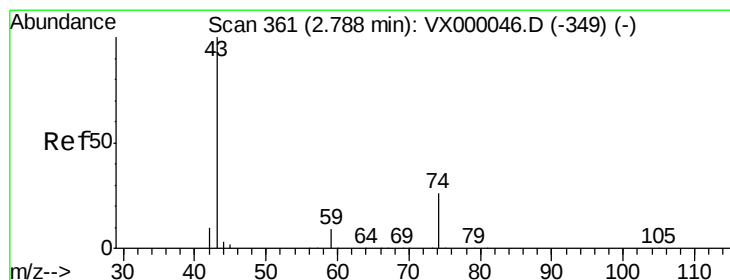
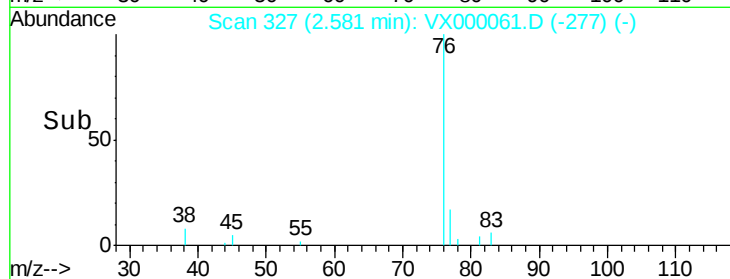
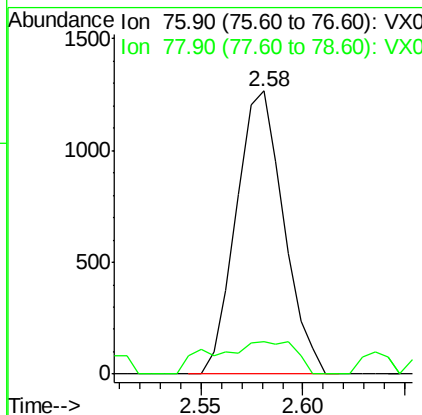
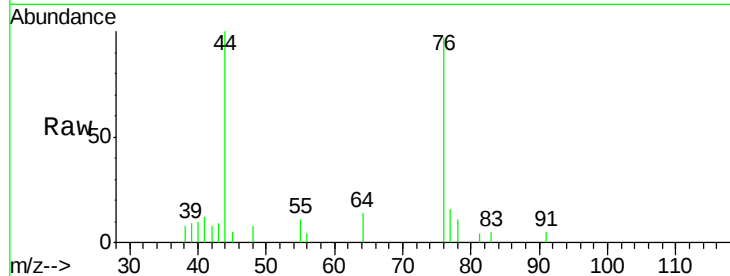
Ion Ratio Lower Upper

76 100

78 11.5 7.5 11.3#

Manual Integrations
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#18

Methyl Acetate

Concen: 0.62 ug/l

RT: 2.79 min Scan# 361

Delta R.T. -0.00 min

Lab File: VX000061.D

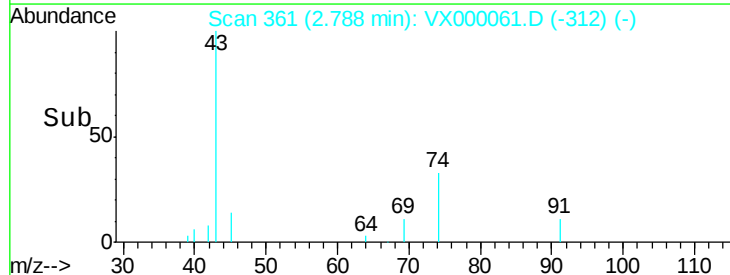
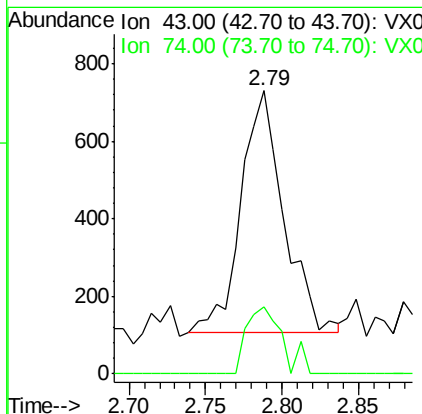
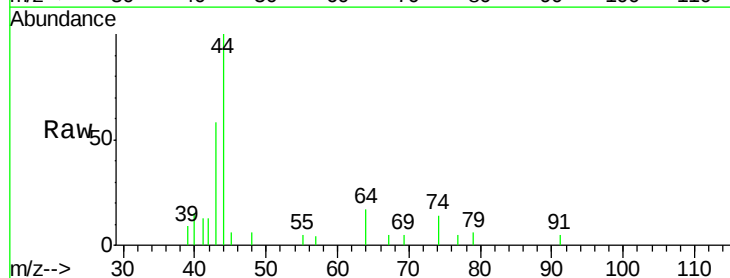
Acq: 12 Feb 2018 13:00

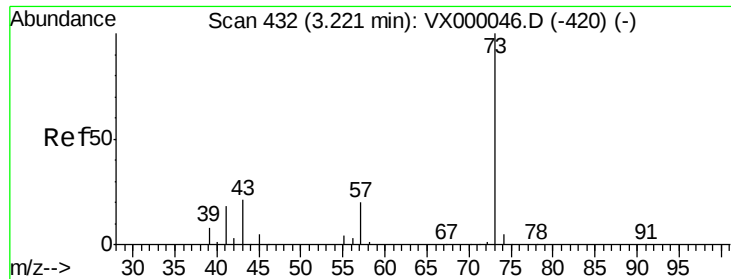
Tgt Ion: 43 Resp: 1207

Ion Ratio Lower Upper

43 100

74 23.4 20.2 30.4





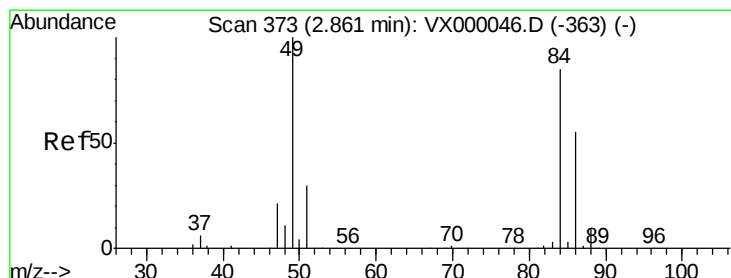
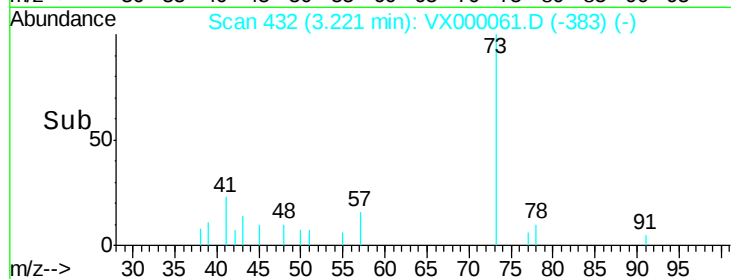
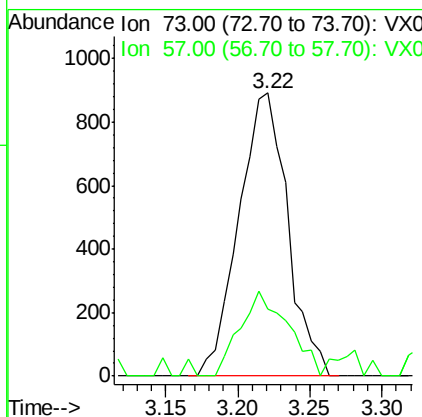
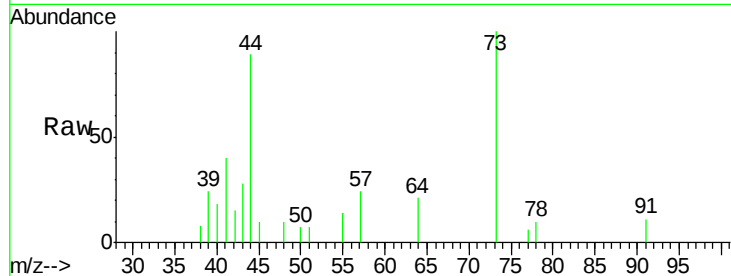
#19
Methvl tert-butvl Ether
Concen: 0.51 ug/l
RT: 3.22 min Scan# 432
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
ClientSampled :
MDL 05

Tot Ion: 73 Resp: 2094
Ion Ratio Lower Upper
73 100
57 18.3 16.2 24.4

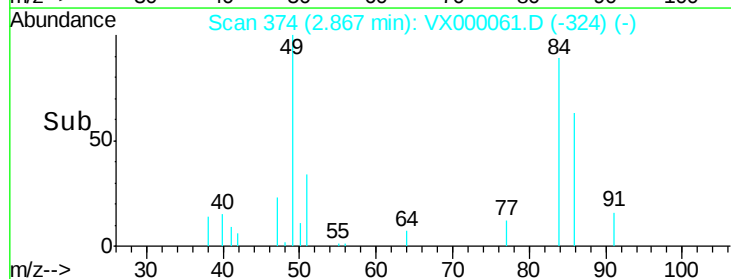
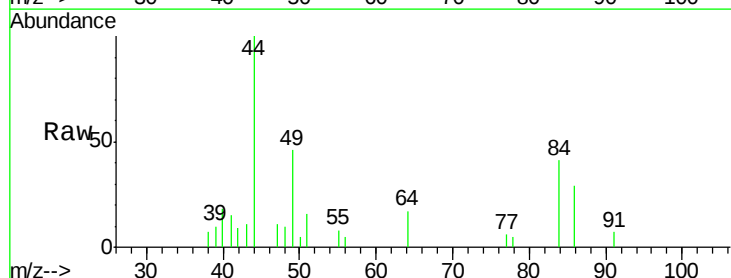
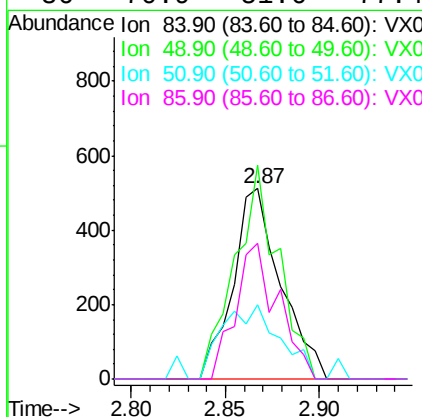
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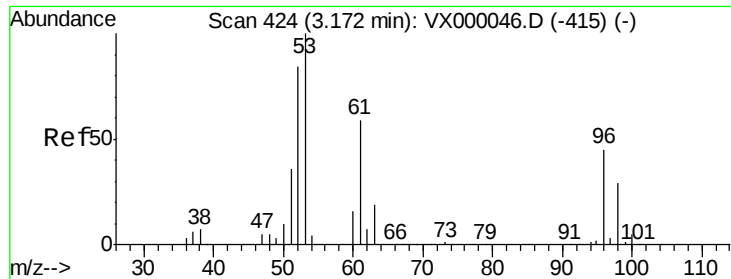
MMDadoda
2/15/2018 6:05:09 PM



#20
Methylene Chloride
Concen: 0.70 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion: 84 Resp: 901
Ion Ratio Lower Upper
84 100
49 112.1 94.4 141.6
51 38.7 28.3 42.5
86 70.9 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 0.62 ug/l

RT: 3.18 min Scan# 425

Delta R.T. 0.01 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

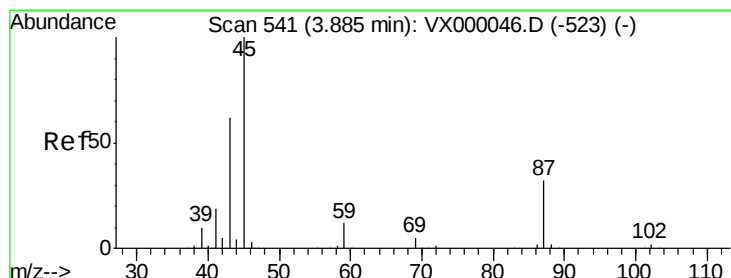
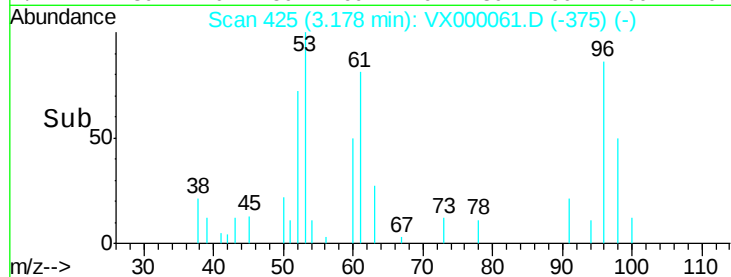
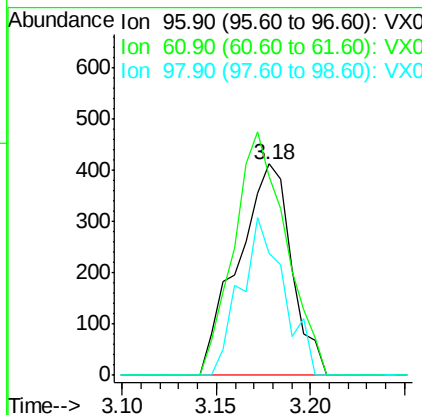
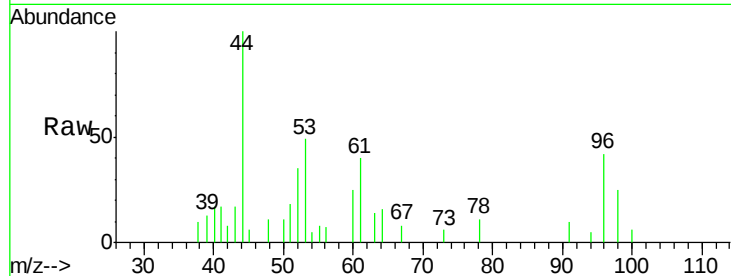
ClientSampled :

MDL 05

Tot Ion	Ratio	Lower	Upper
96	100		
61	94.2	104.9	157.3#
98	57.8	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 0.65 ug/l

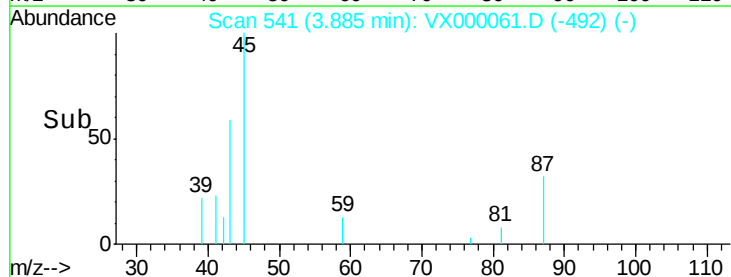
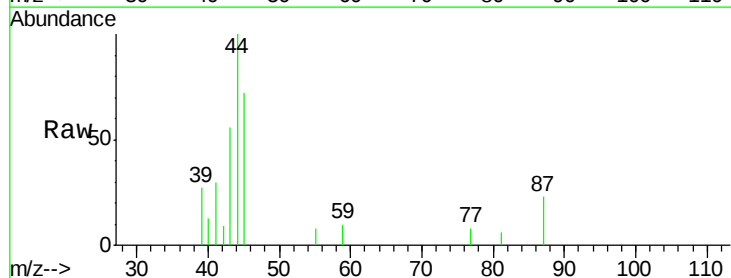
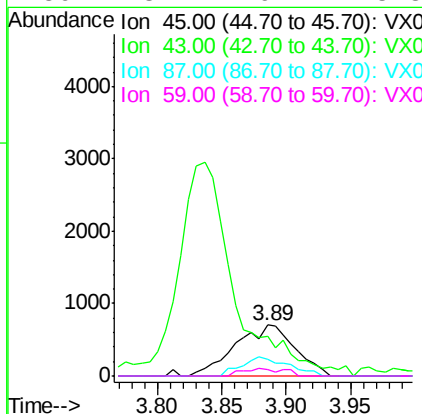
RT: 3.89 min Scan# 541

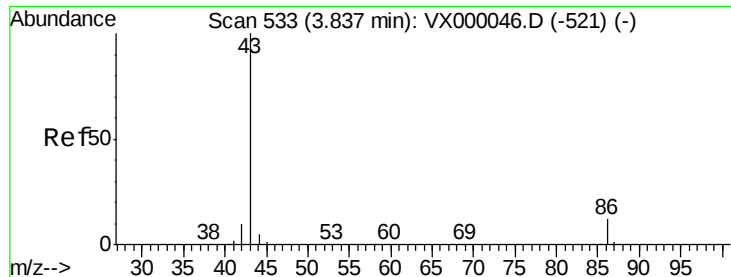
Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.7	49.6	74.4
87	32.5	25.9	38.9
59	13.4	9.2	13.8





#23

Vinyl Acetate

Concen: 2.87 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

ClientSampled :

MDL 05

Tot Ion: 43 Resp: 9030

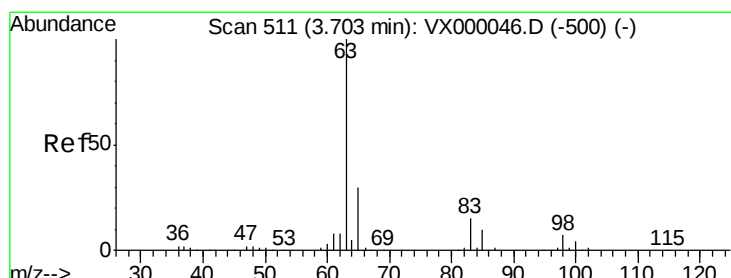
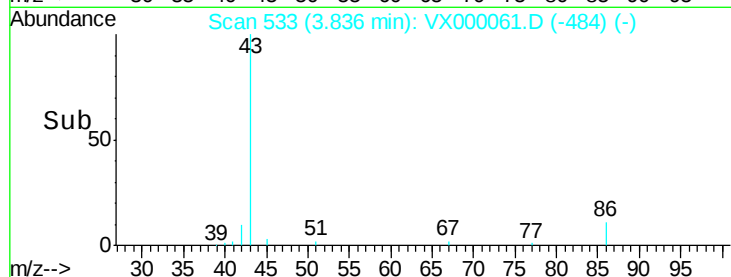
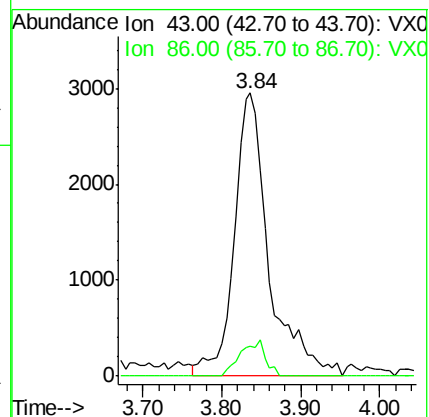
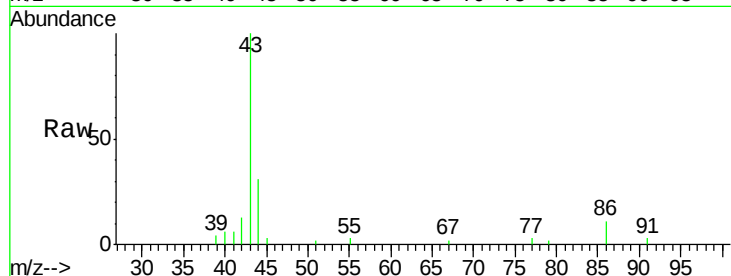
Ion Ratio Lower Upper

43 100

86 10.5 9.3 13.9

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 0.57 ug/l

RT: 3.71 min Scan# 513

Delta R.T. 0.01 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

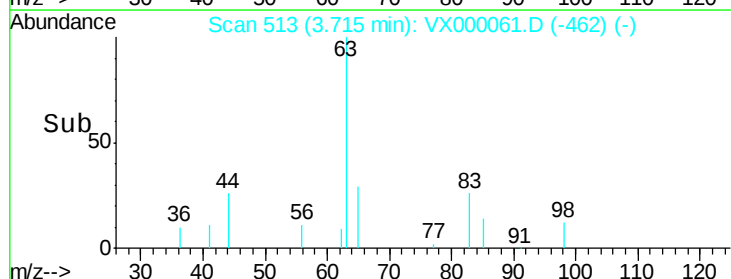
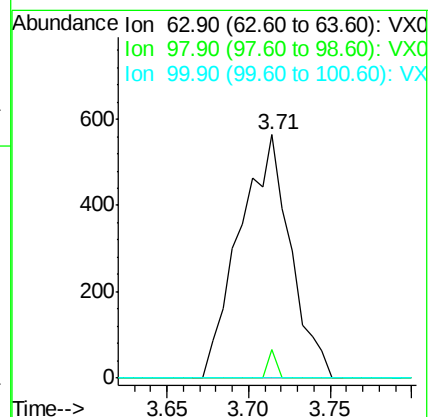
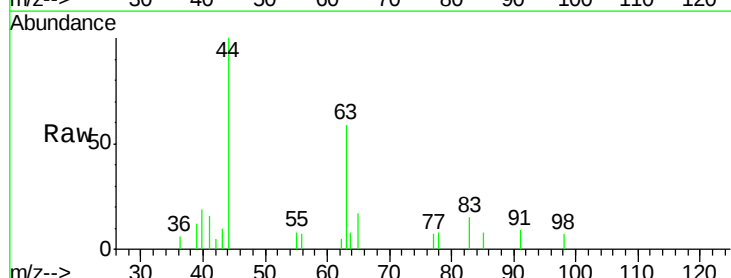
Tgt Ion: 63 Resp: 1224

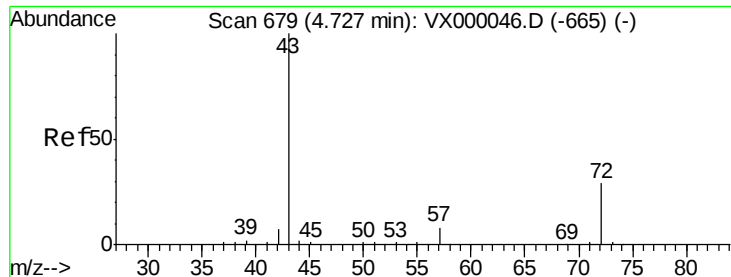
Ion Ratio Lower Upper

63 100

98 11.5 3.3 9.9#

100 0.0 2.1 6.2#





#25

2-Butanone

Concen: 3.04 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

ClientSampled :

MDL 05

Tot Ion: 43 Resp: 3536

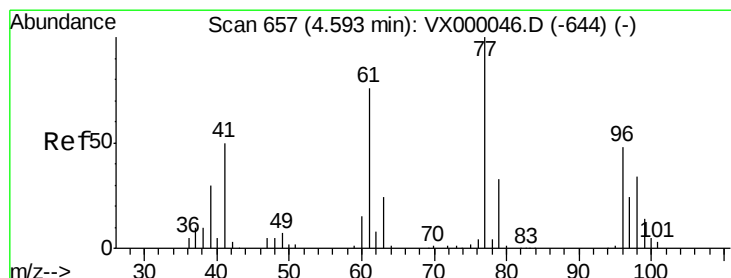
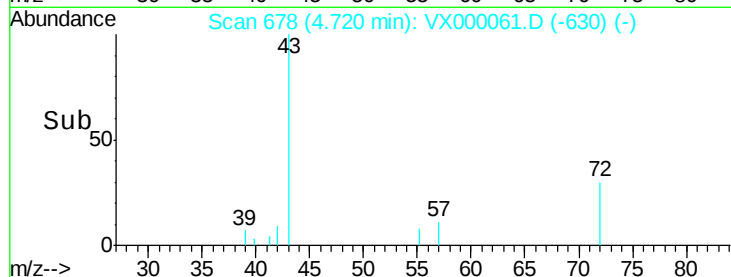
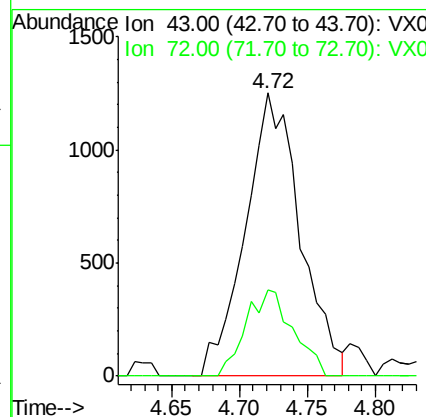
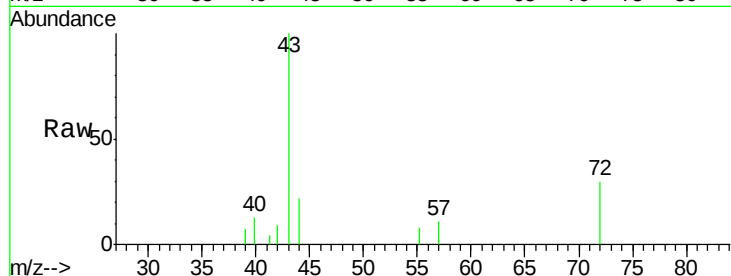
Ion Ratio Lower Upper

43 100

72 30.4 23.0 34.6

Manual Integrations
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MMDadoda
2/15/2018 6:05:09 PM



#26

2,2-Dichloropropane

Concen: 0.60 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000061.D

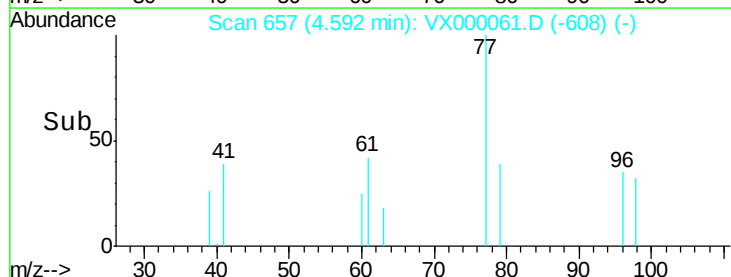
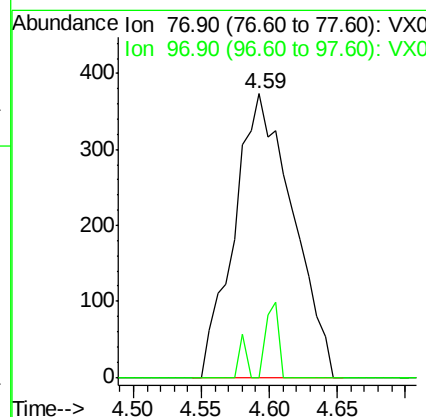
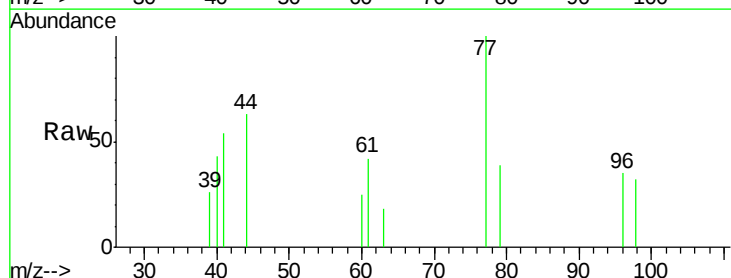
Acq: 12 Feb 2018 13:00

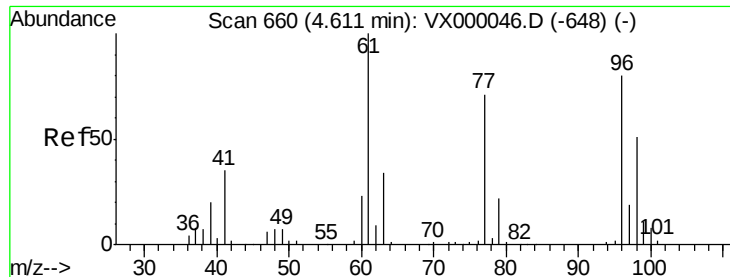
Tgt Ion: 77 Resp: 1118

Ion Ratio Lower Upper

77 100

97 5.9 11.8 35.4#





#27

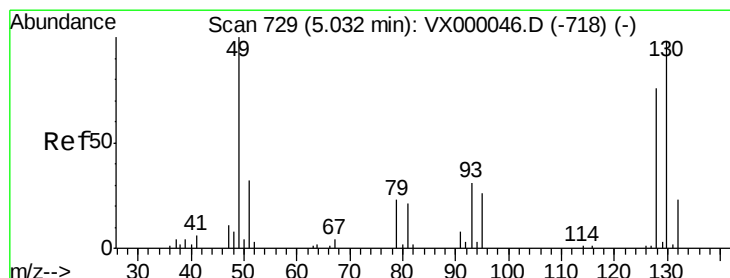
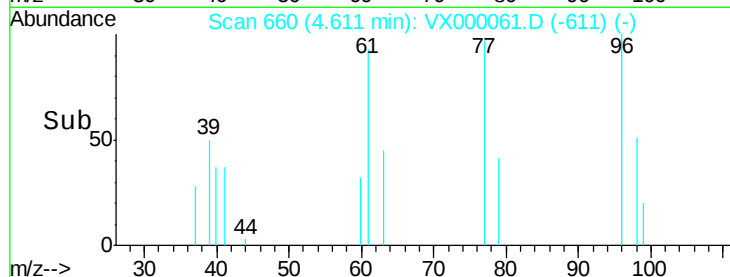
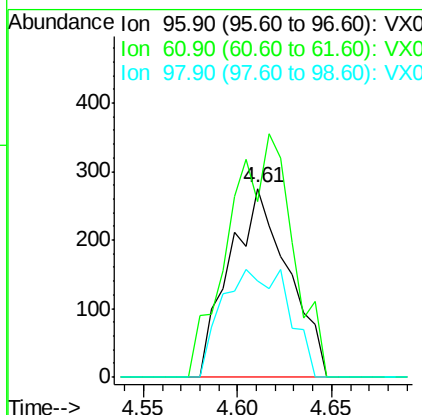
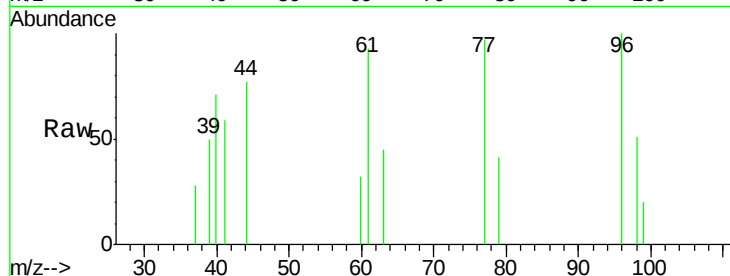
cis-1,2-Dichloroethene
Concen: 0.46 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
ClientSampled :
MDL 05

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	274.4
98	64.6	0.0	132.4

Manual Integrations
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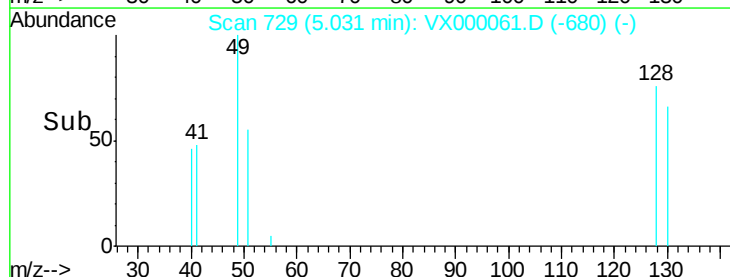
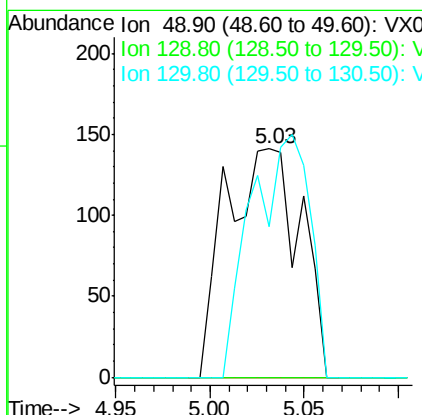
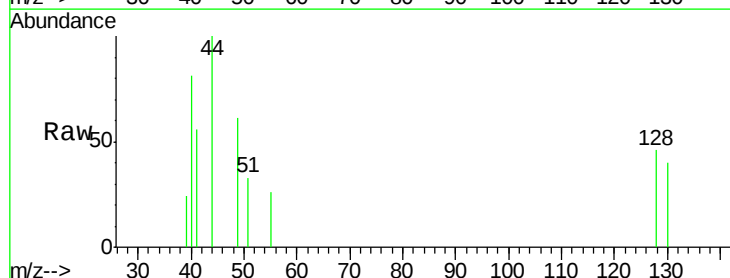
MMDadoda
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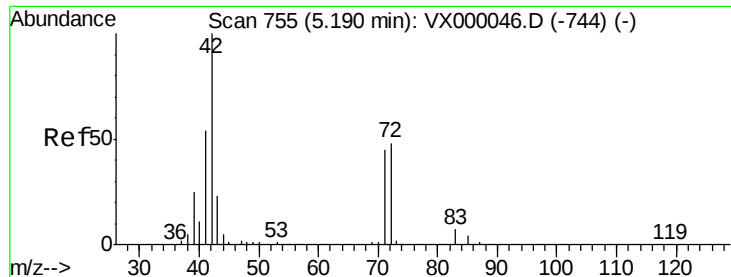


#28

Bromochloromethane
Concen: 0.54 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.0
130	83.4	75.6	113.4





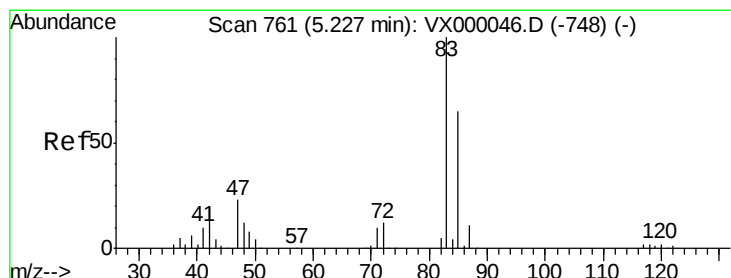
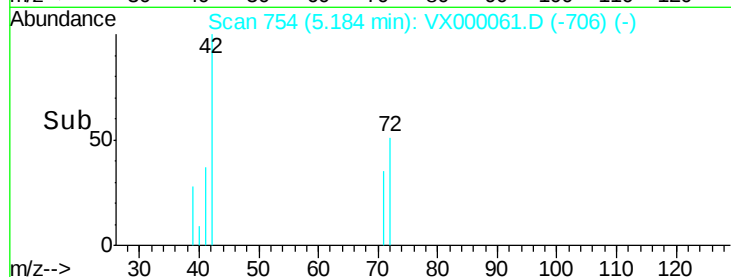
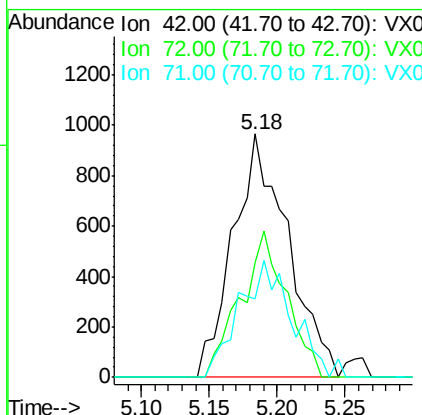
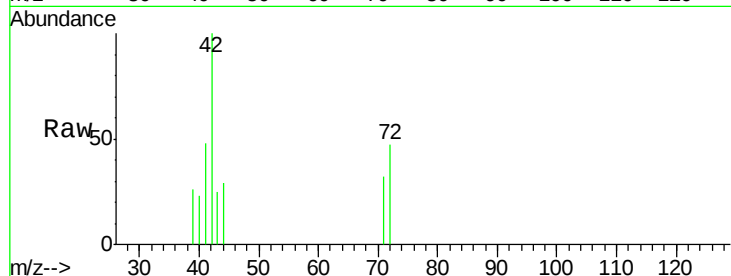
#29
Tetrahydrofuran
Concen: 3.40 ug/l
RT: 5.18 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
Client Sampled :
MDL 05

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.4	39.0	58.6
71	46.5	36.7	55.1

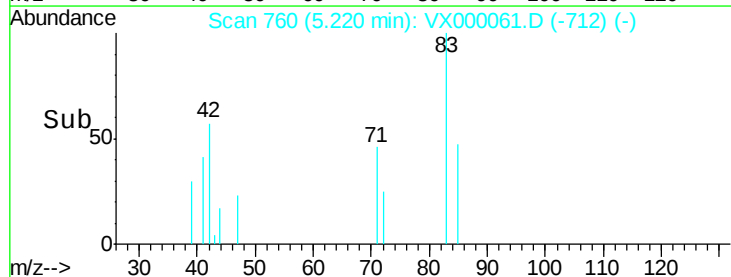
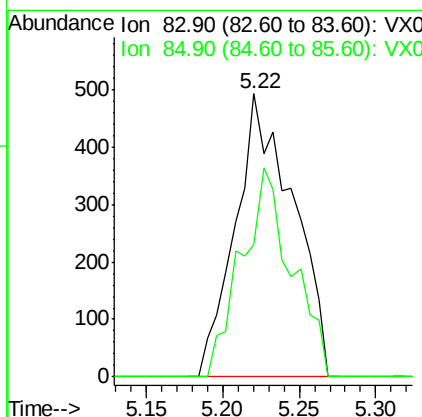
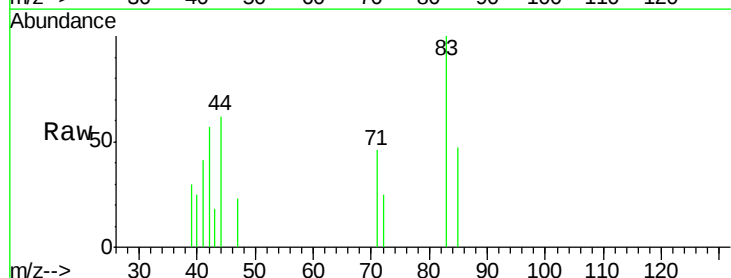
Manual Integrations
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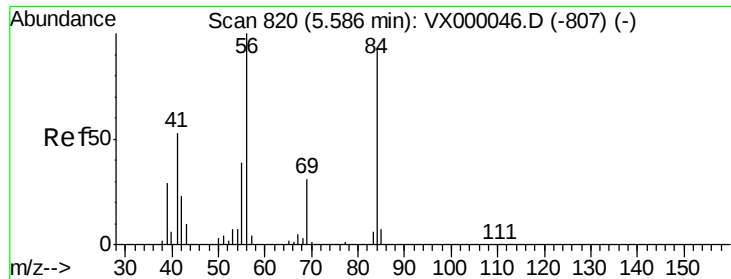
MMDadoda
2/15/2018 6:05:09 PM



#30
Chloroform
Concen: 0.59 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	46.7	51.9	77.9#





#31

Cyclohexane

Concen: 0.51 ug/l

RT: 5.60 min Scan# 822

Delta R.T. 0.01 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

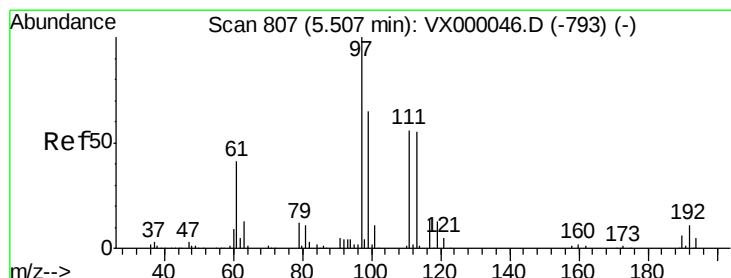
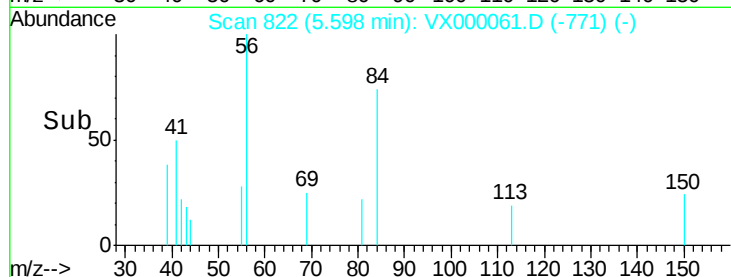
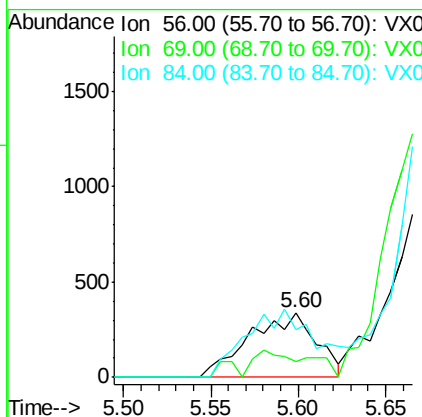
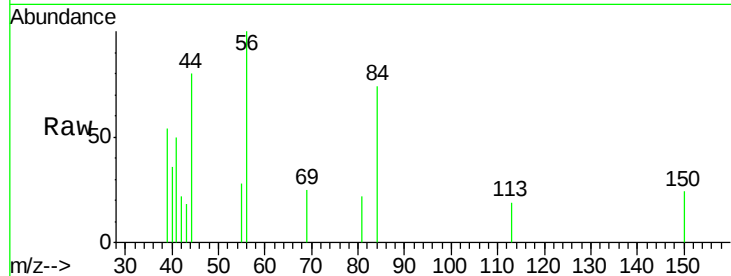
ClientSampled :

MDL 05

Tot Ion:	56	Resp:	906
Ion	Ratio	Lower	Upper
56	100		
69	25.4	24.5	36.7
84	74.3	74.8	112.2#

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 0.52 ug/l

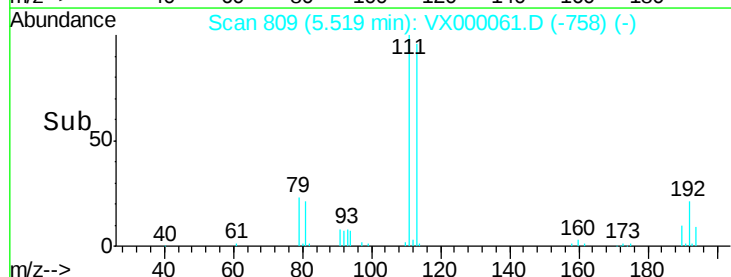
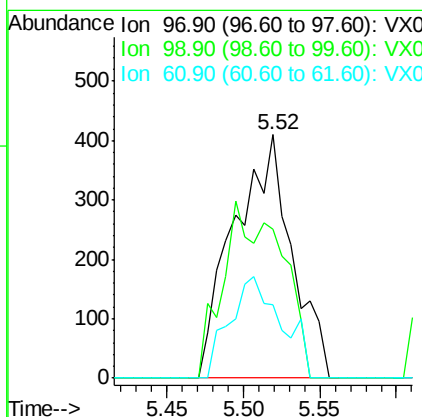
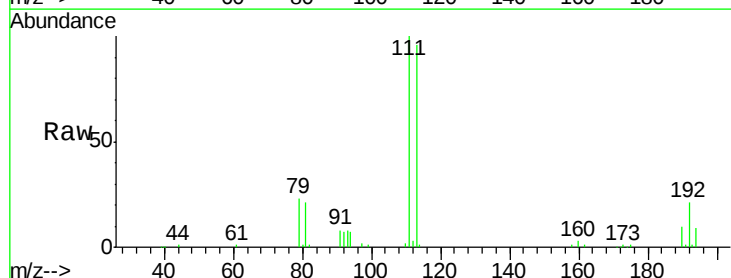
RT: 5.52 min Scan# 809

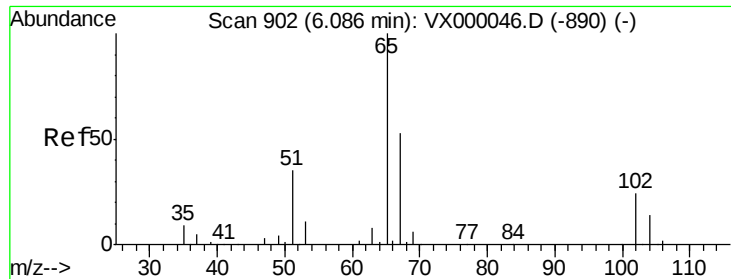
Delta R.T. 0.01 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Tgt Ion:	97	Resp:	1073
Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.8	76.2#
61	37.5	32.1	48.1





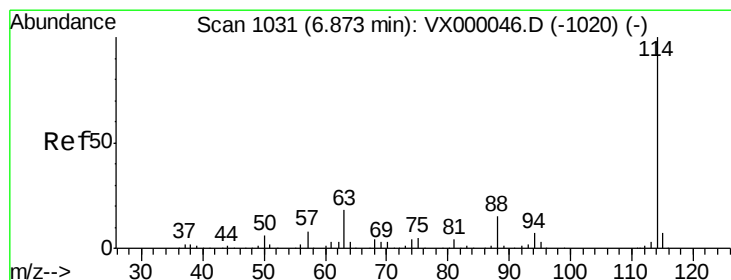
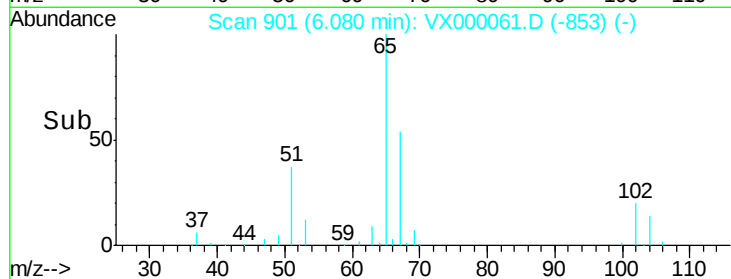
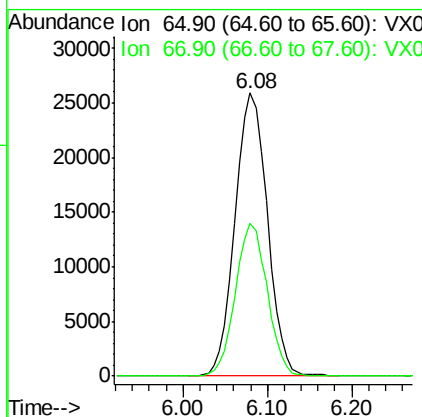
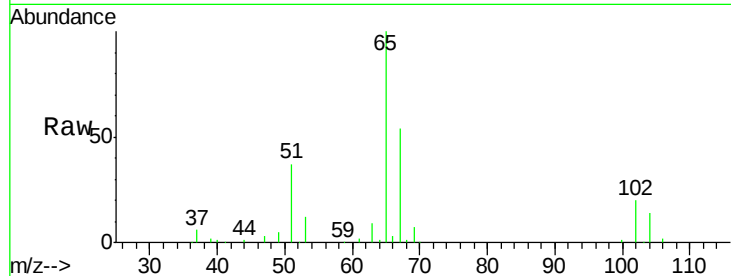
#33
 1,2-Dichloroethane-d4
 Concen: 51.60 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Instrument :
 ClientSampled :
 MDL 05

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.0

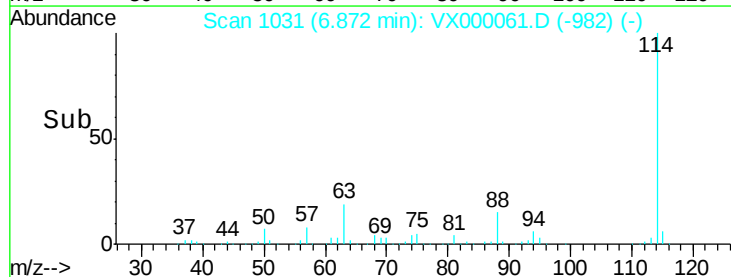
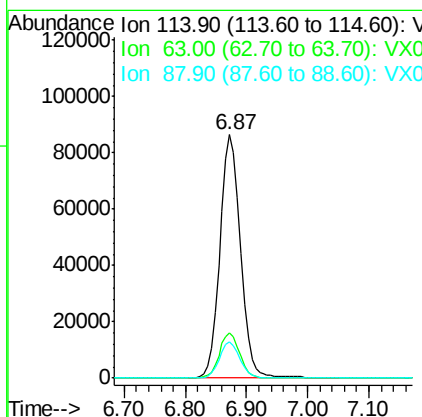
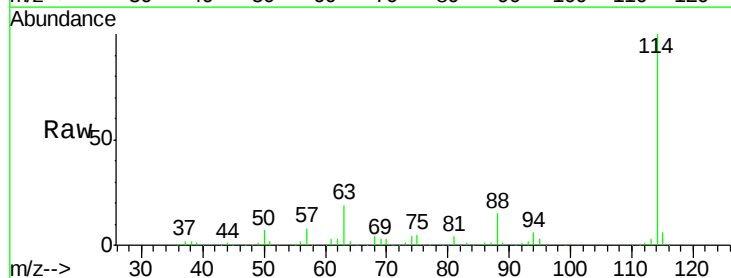
Manual Integrations
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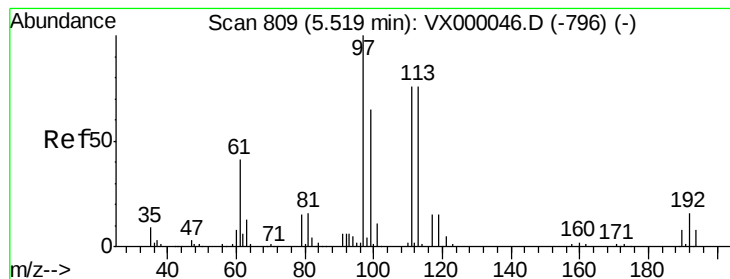
MMDadoda
 2/15/2018 6:05:09 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	36.0
88	14.9	0.0	30.4





#35

Dibromofluoromethane

Concen: 48.22 ug/l

RT: 5.52 min Scan# 809

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

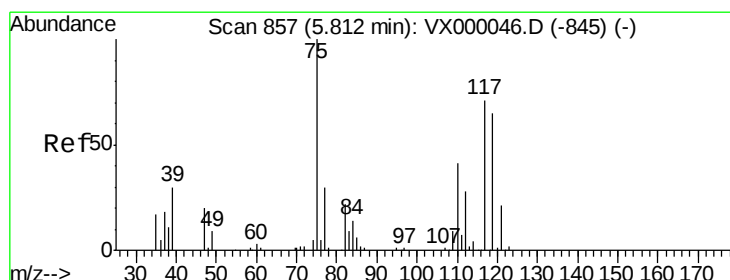
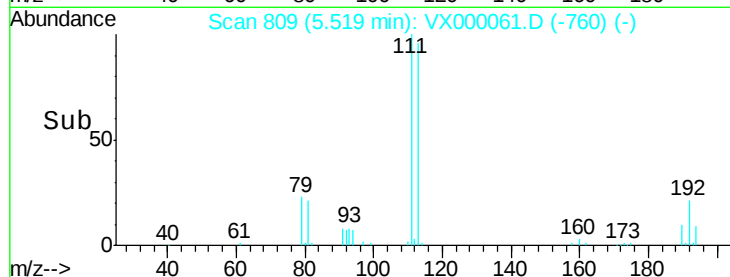
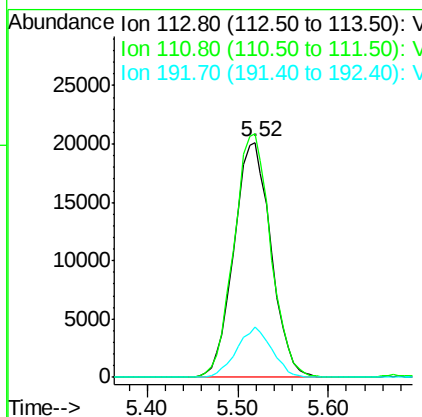
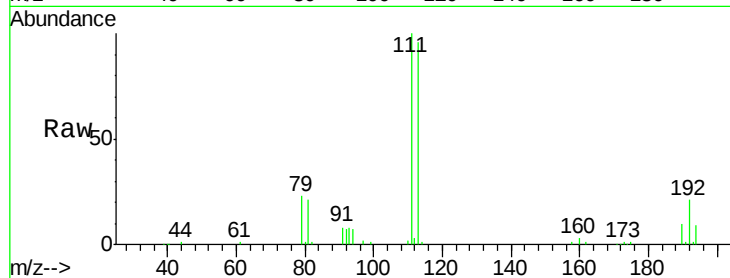
ClientSampled :

MDL 05

Tot Ion:	113	Resp:	57129
Ion Ratio	Lower	Upper	
113	100		
111	102.9	80.5	120.7
192	20.3	16.9	25.3

Manual Integrations
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2/15/2018 6:05:09 PM



#36

1,1-Dichloropropene

Concen: 0.54 ug/l

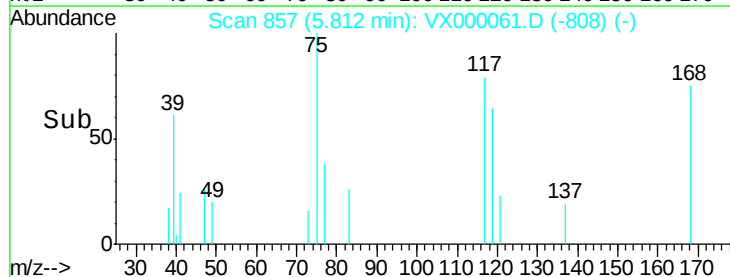
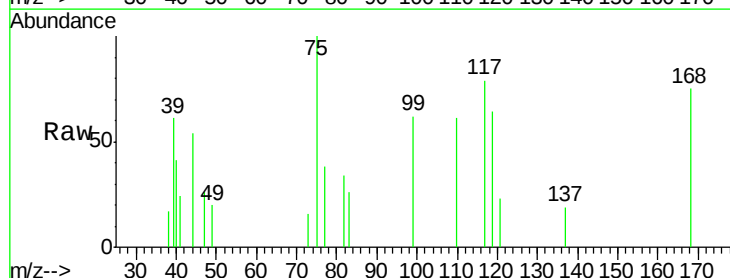
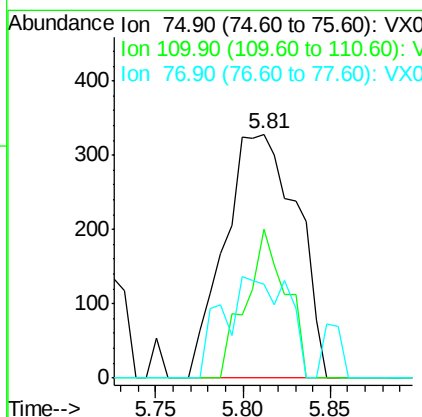
RT: 5.81 min Scan# 857

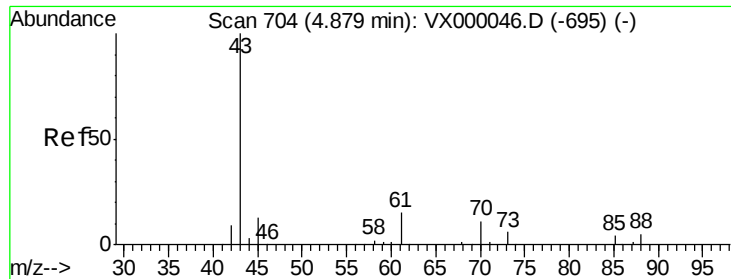
Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Tgt Ion:	75	Resp:	949
Ion Ratio	Lower	Upper	
75	100		
110	33.4	19.4	58.4
77	37.2	24.2	36.4#





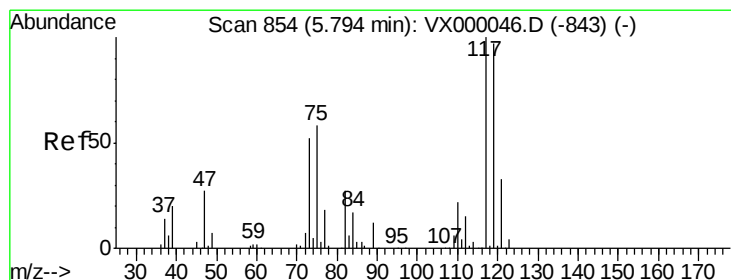
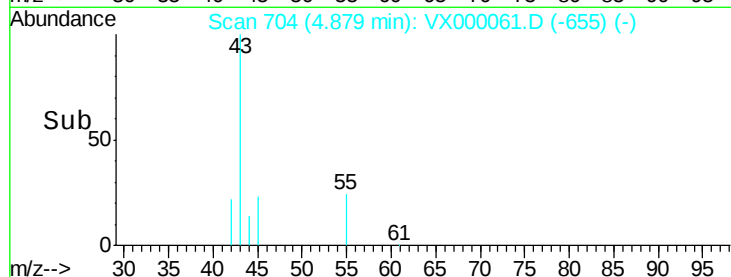
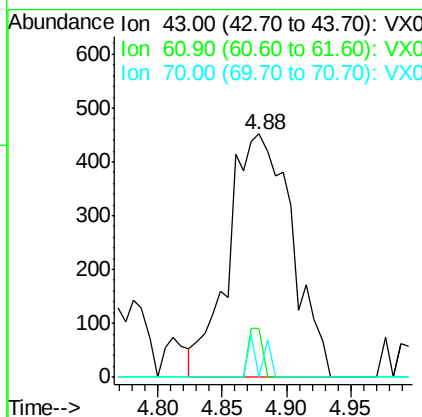
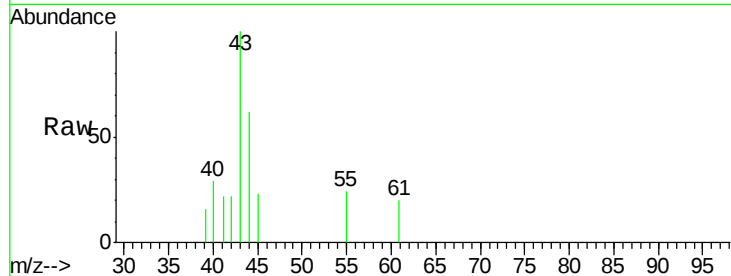
#37
Ethyl Acetate
Concen: 0.68 ug/l
RT: 4.88 min Scan# 704
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
Client Sampled :
MDL 05

Tot Ion	Ratio	Lower	Upper
43	100		
61	4.3	11.4	17.2#
70	3.5	9.0	13.6#

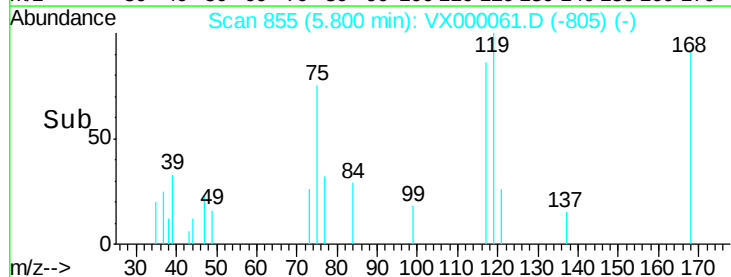
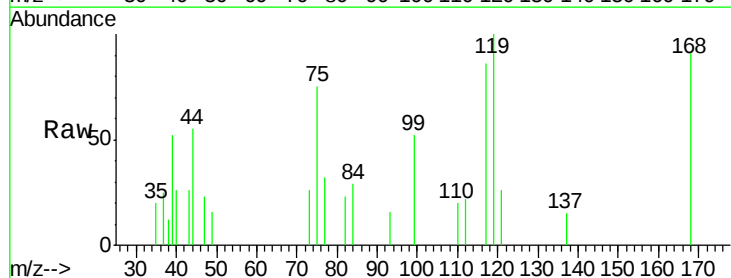
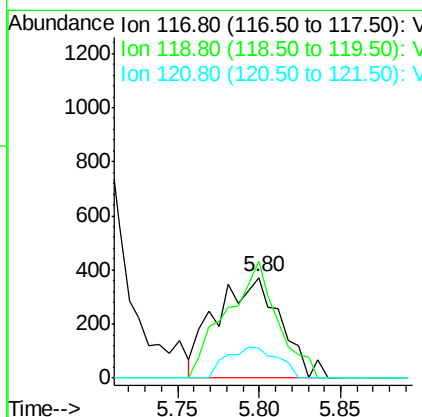
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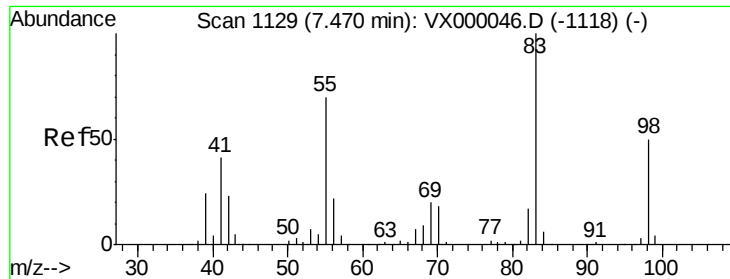
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2/15/2018 6:05:09 PM



#38
Carbon Tetrachloride
Concen: 0.51 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	115.9	76.9	115.3#
121	30.1	25.8	38.8





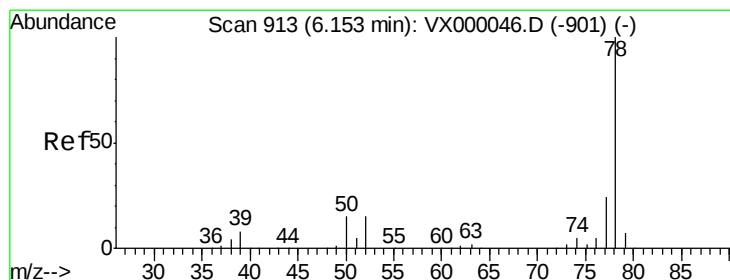
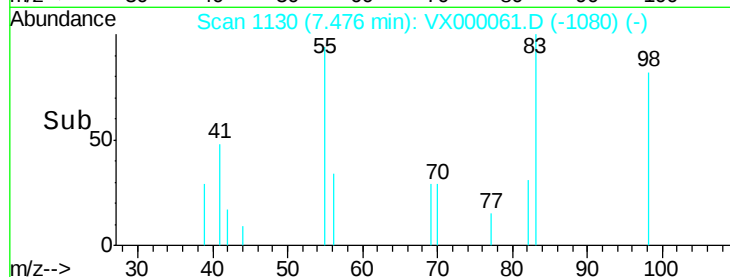
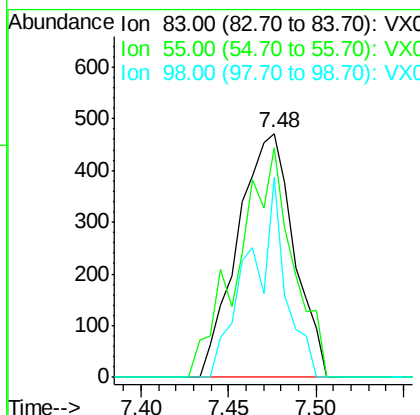
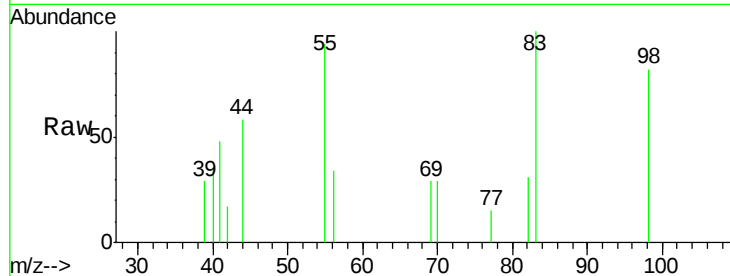
#39
Methvlcvclohexane
Concen: 0.49 ug/l
RT: 7.48 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
ClientSampled :
MDL 05

Tot Ion	Ratio	Lower	Upper
83	100		
55	94.3	55.7	83.5#
98	82.4	39.7	59.5#

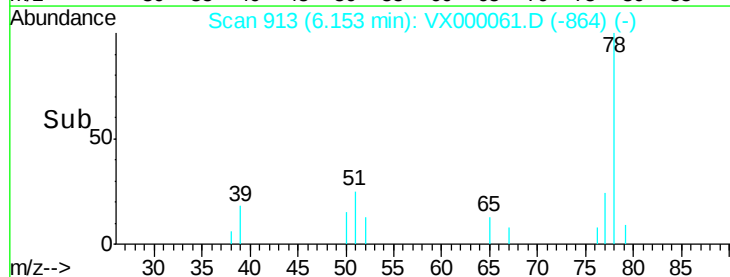
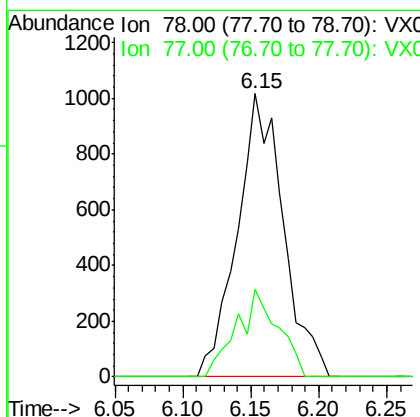
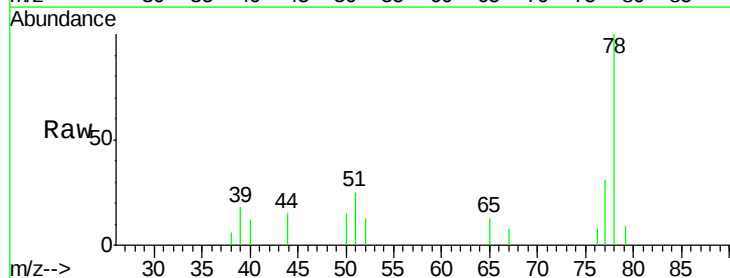
Manual Integrations
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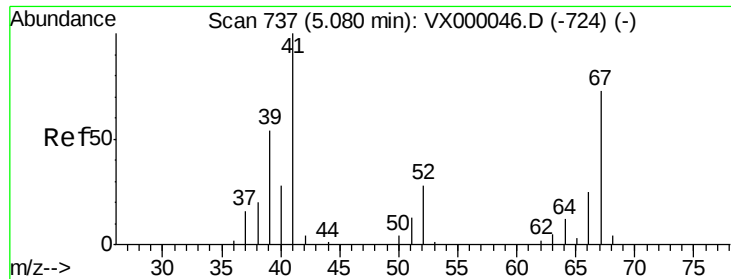
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#40
Benzene
Concen: 0.48 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	31.0	19.4	29.2#





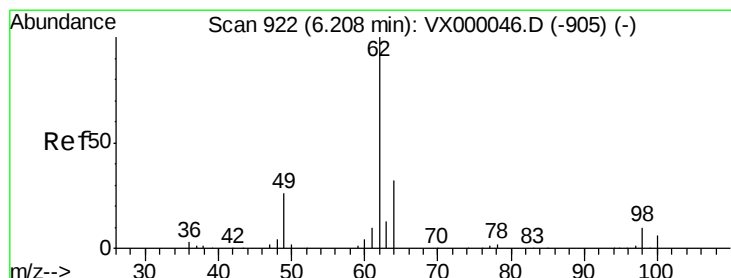
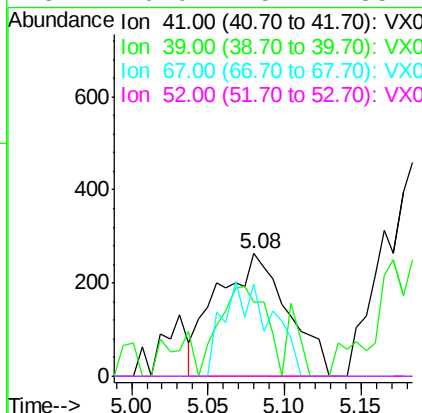
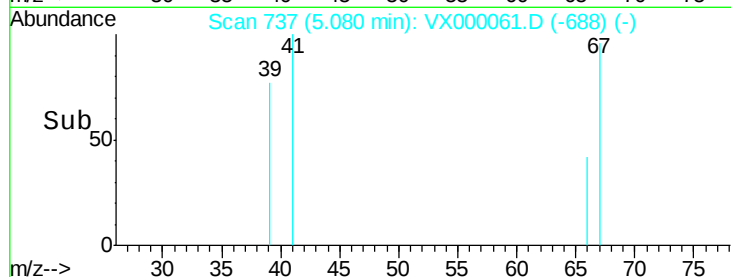
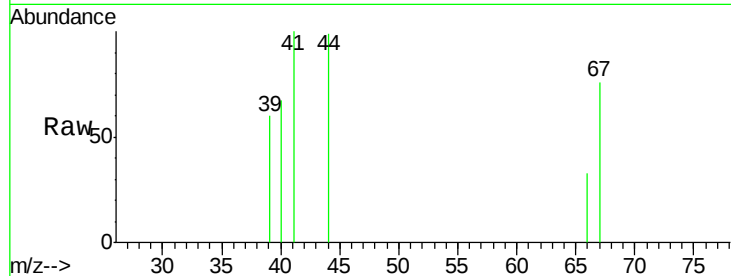
#41
Methacrylonitrile
Concen: 0.72 ug/l
RT: 5.08 min Scan# 737
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
Client Sampled :
MDL 05

Tot Ion:	41	Resp:	844
Ion	Ratio	Lower	Upper
41	100		
39	48.1	45.8	68.8
67	52.6	60.6	91.0#
52	0.0	25.4	38.2#

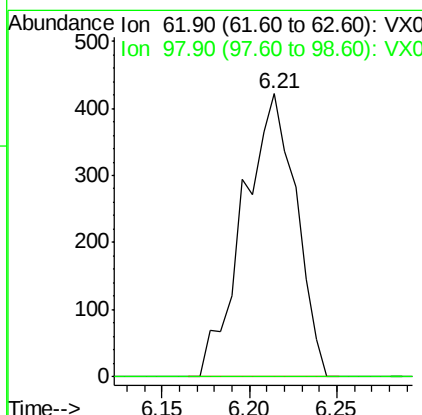
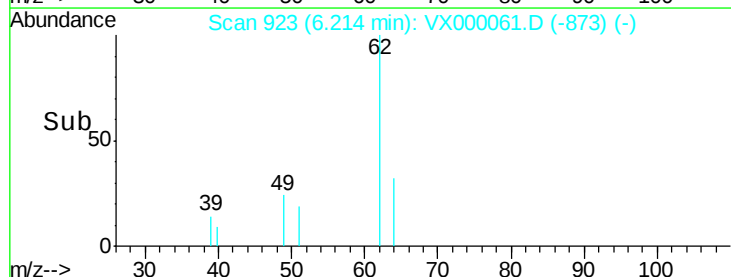
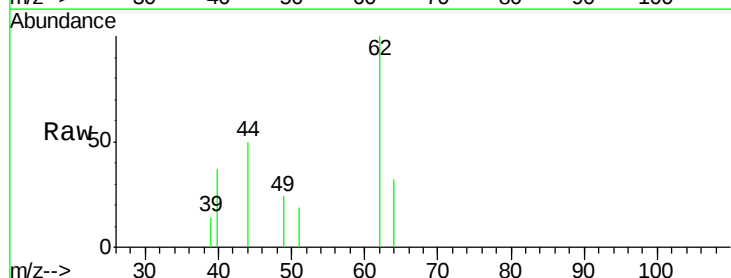
Manual Integrations
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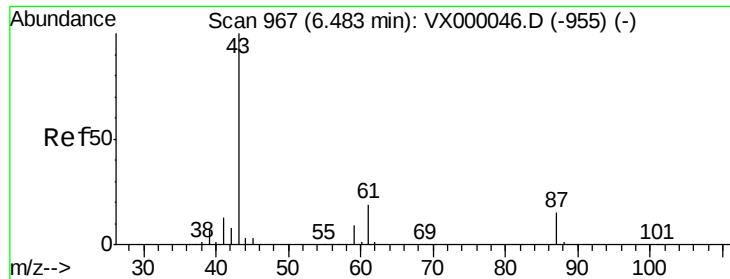
MMDadoda
2/15/2018 6:05:09 PM



#42
1,2-Dichloroethane
Concen: 0.50 ug/l
RT: 6.21 min Scan# 923
Delta R.T. 0.01 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion:	62	Resp:	888
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	18.6





#43

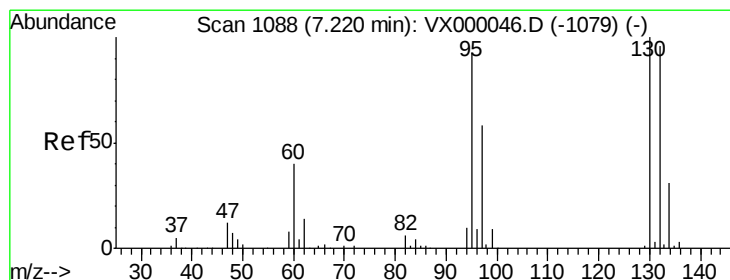
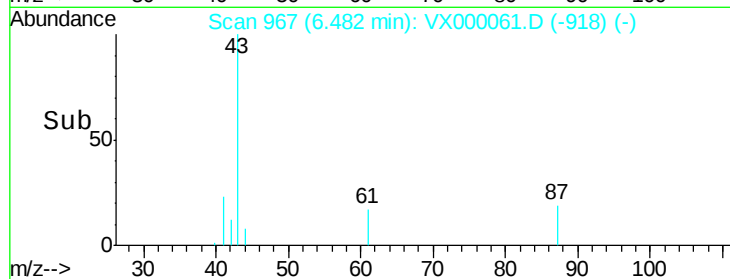
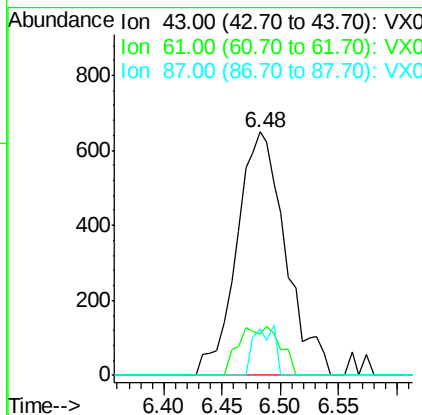
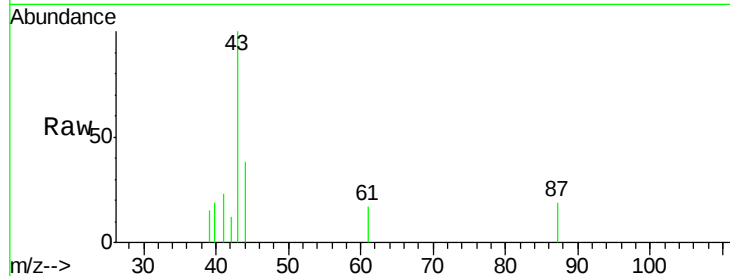
Isopropyl Acetate
 Concen: 0.55 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. -0.00 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Instrument :
 ClientSampled :
 MDL 05

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.0	15.9	23.9
87	8.8	11.8	17.6

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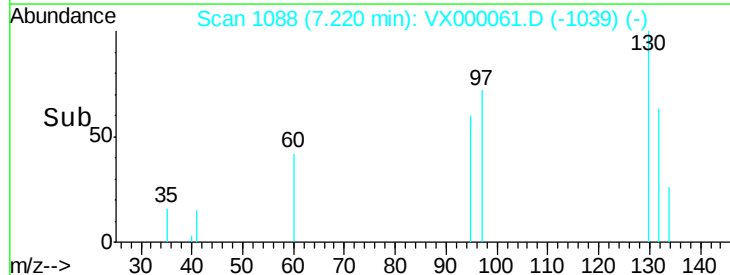
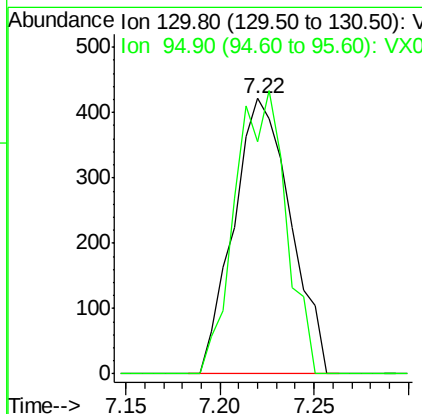
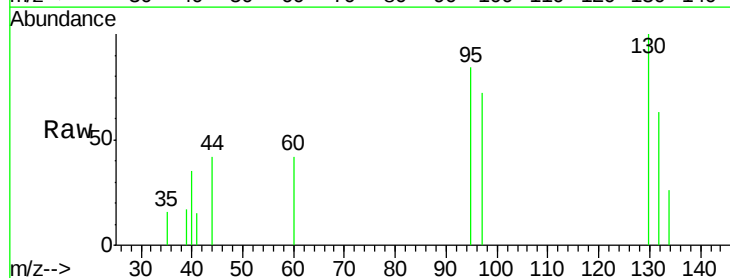
MMDadoda
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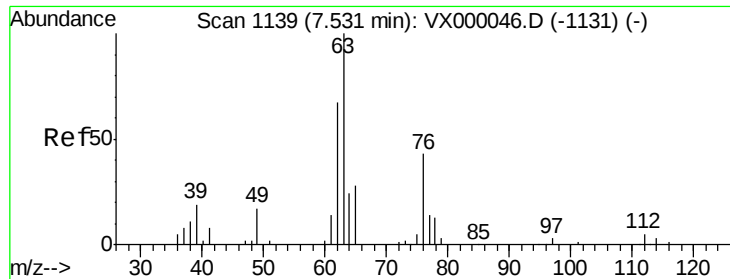


#44

Trichloroethene
 Concen: 0.57 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	84.1	0.0	185.2





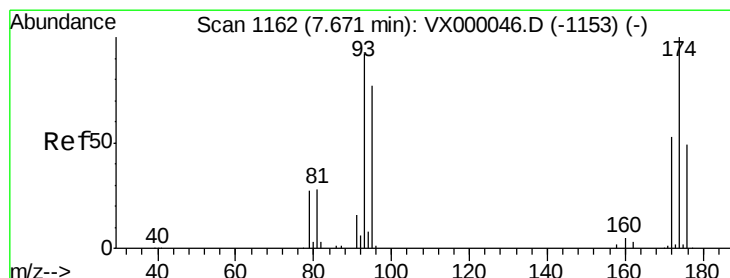
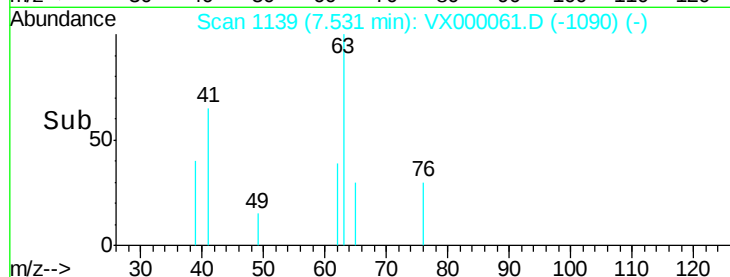
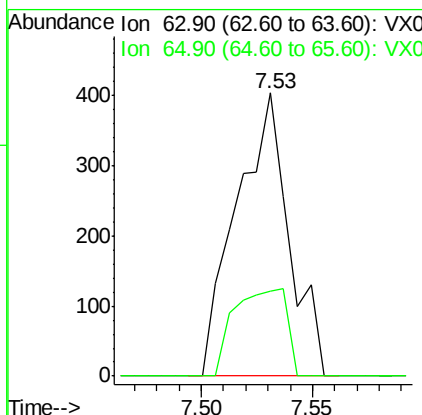
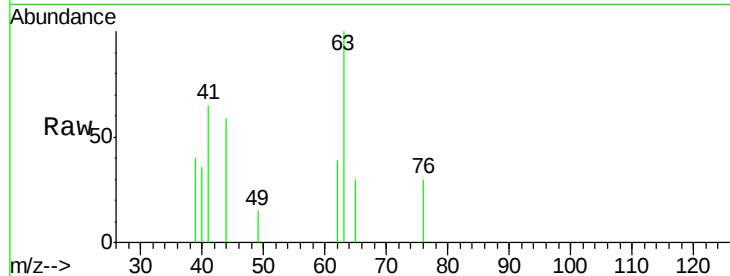
#45
 1,2-Dichloropropane
 Concen: 0.55 ug/l
 RT: 7.53 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Instrument :
 ClientSampled :
 MDL 05

Tot Ion: 63 Resp: 662
 Ion Ratio Lower Upper
 63 100
 65 30.3 23.7 35.5

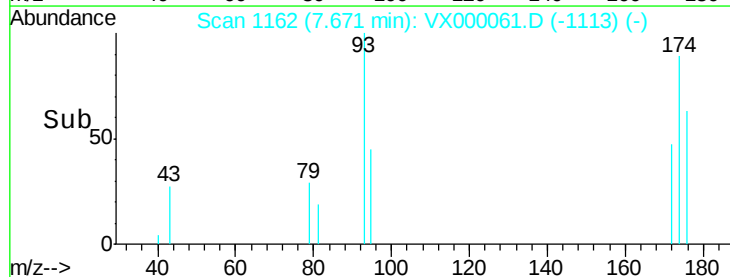
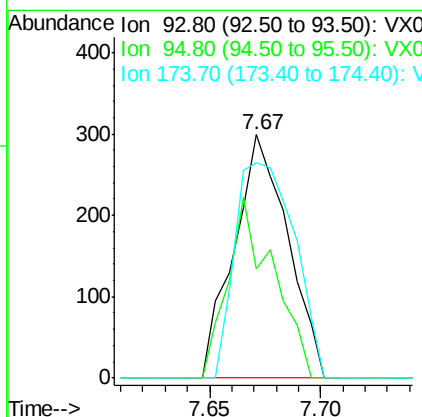
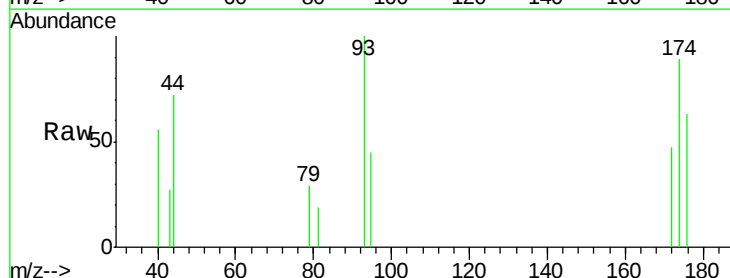
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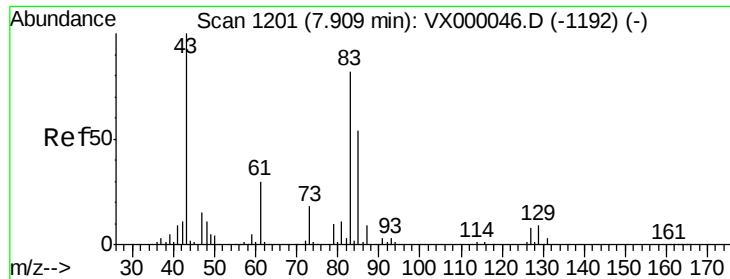
MMDadoda
 2/15/2018 6:05:09 PM



#46
 Dibromomethane
 Concen: 0.54 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Tgt Ion: 93 Resp: 502
 Ion Ratio Lower Upper
 93 100
 95 62.9 66.3 99.5#
 174 98.2 90.4 135.6





#47

Bromodichloromethane

Concen: 0.42 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

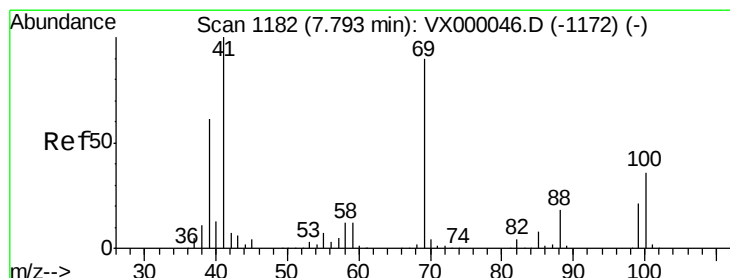
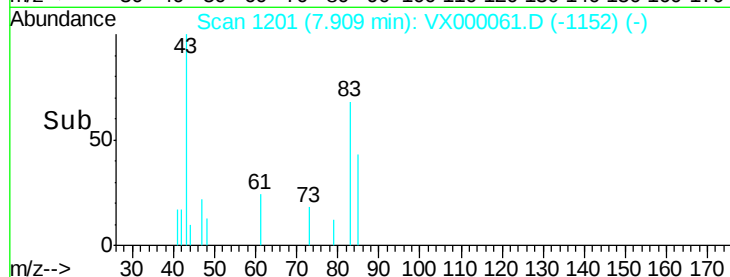
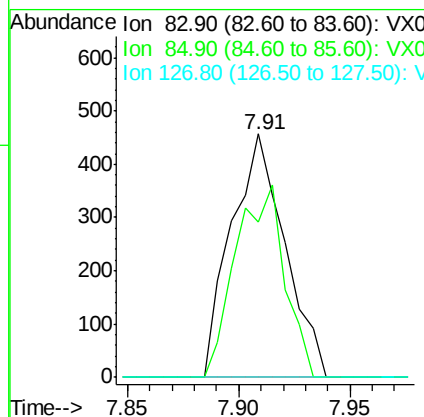
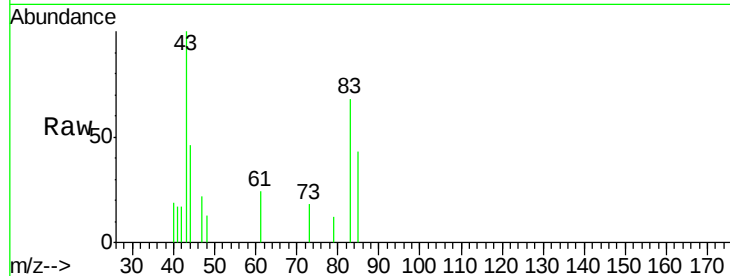
ClientSampled :

MDL 05

Tot Ion:	83	Resp:	765
Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.3	78.5
127	0.0	7.4	11.0#

Manual Integrations
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#48

Methyl methacrylate

Concen: 0.63 ug/l

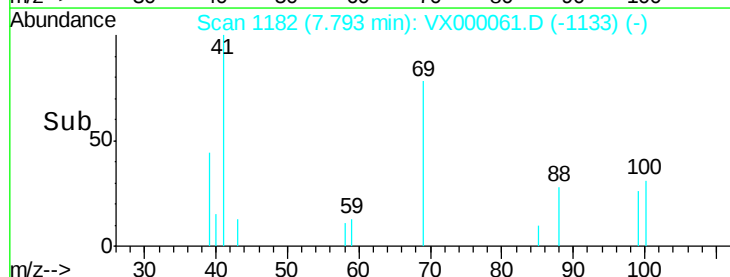
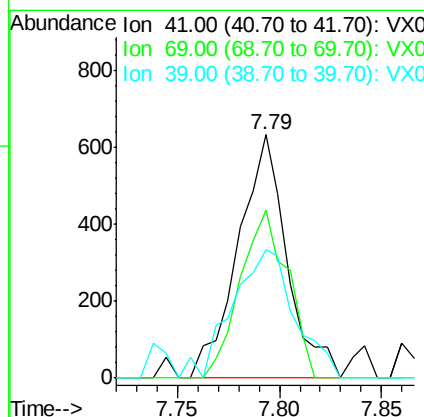
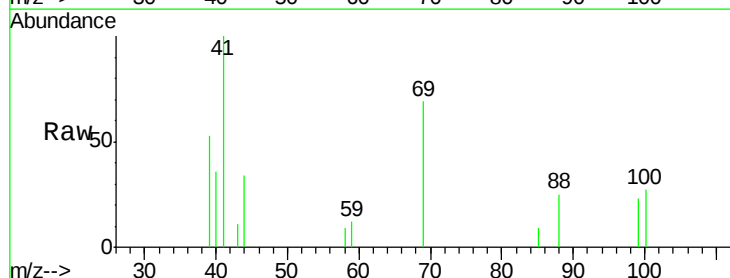
RT: 7.79 min Scan# 1182

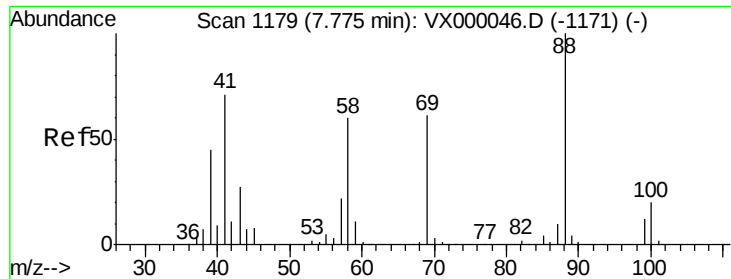
Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Tgt Ion:	41	Resp:	1058
Ion	Ratio	Lower	Upper
41	100		
69	66.5	72.1	108.1#
39	68.1	49.6	74.4





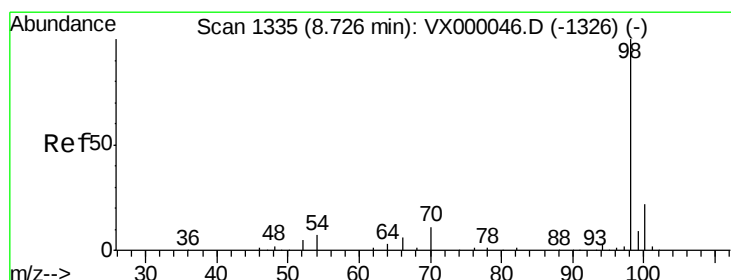
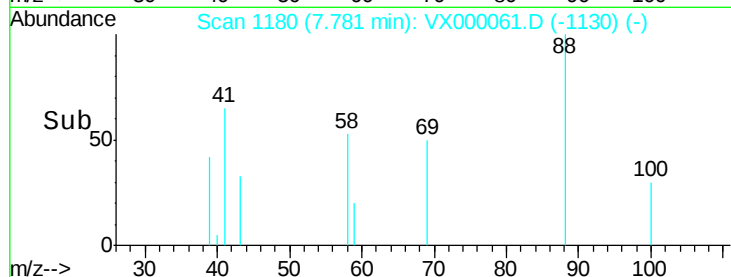
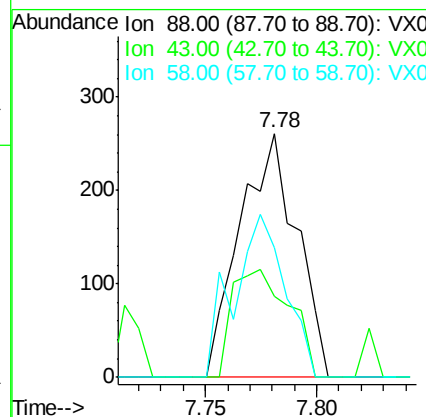
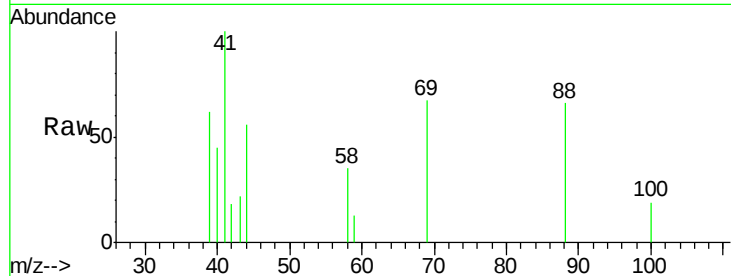
#49
1,4-Dioxane
Concen: 10.27 ug/l
RT: 7.78 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
Client Sampled :
MDL 05

Tot Ion: 88 Resp: 462
Ion Ratio Lower Upper
88 100
43 44.4 22.6 33.8#
58 60.8 49.4 74.2

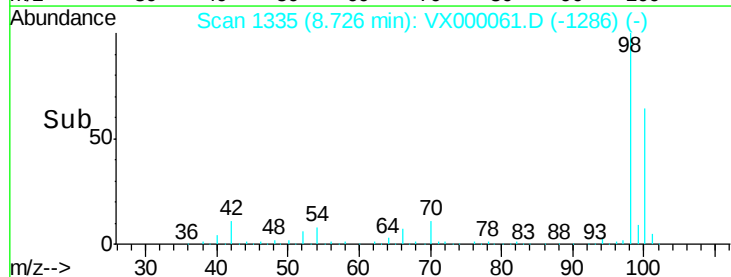
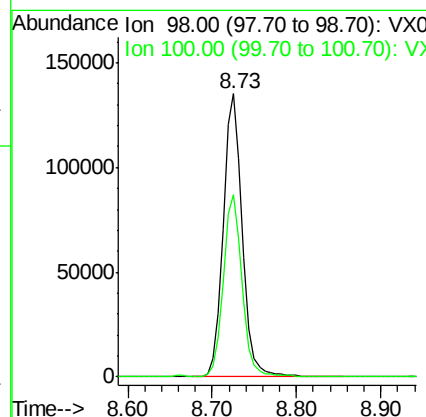
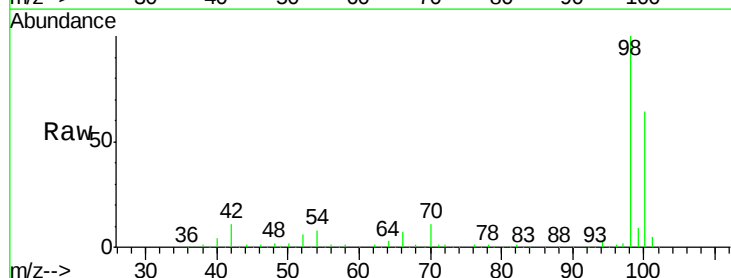
Manual Integrations
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#50
Toluene-d8
Concen: 47.80 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion: 98 Resp: 210753
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 2.48 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

ClientSampled :

MDL 05

Tot Ion: 43 Resp: 5936

Ion Ratio Lower Upper

43 100

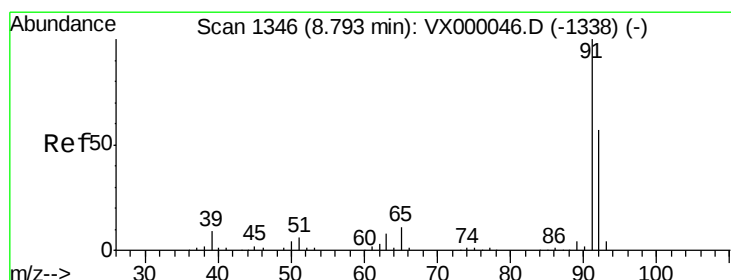
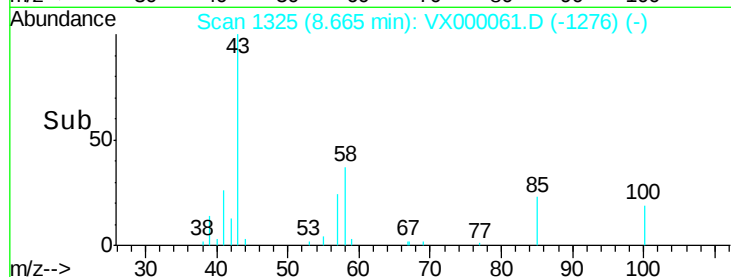
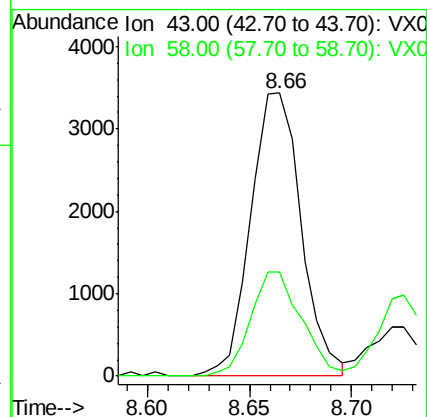
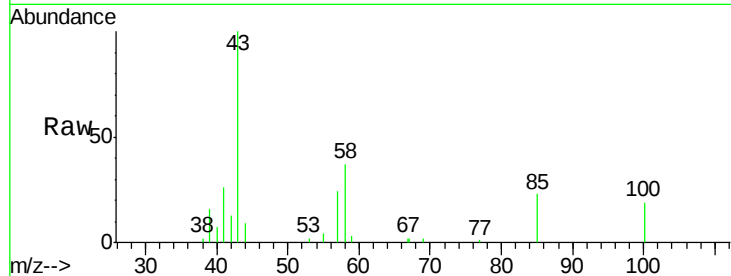
58 37.0 32.1 48.1

Manual Integrations

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2/15/2018 6:05:09 PM



#52

Toluene

Concen: 0.49 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000061.D

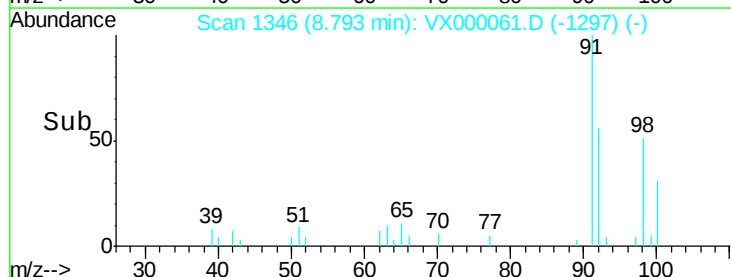
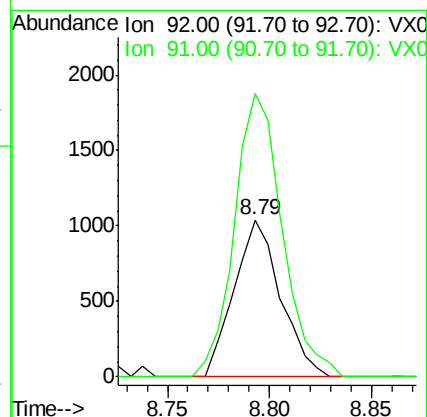
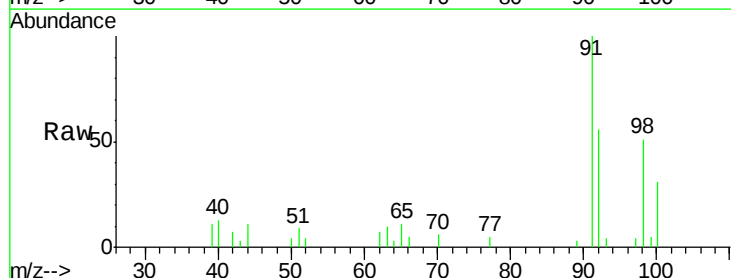
Acq: 12 Feb 2018 13:00

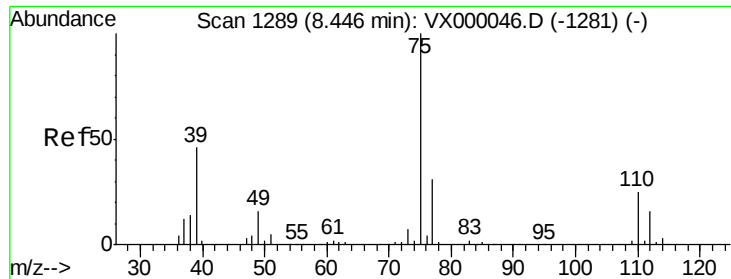
Tgt Ion: 92 Resp: 1642

Ion Ratio Lower Upper

92 100

91 186.0 139.8 209.6





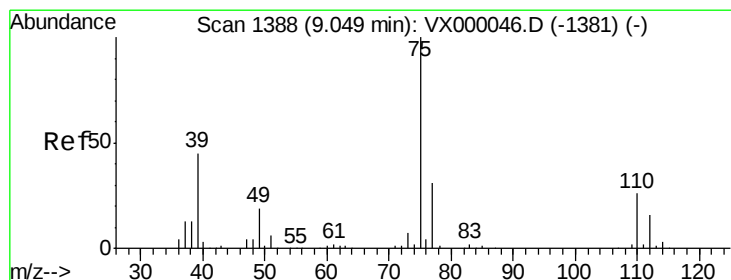
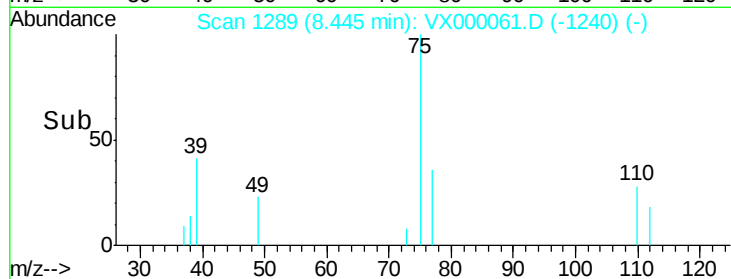
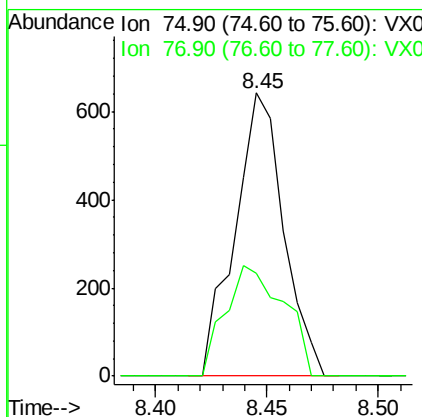
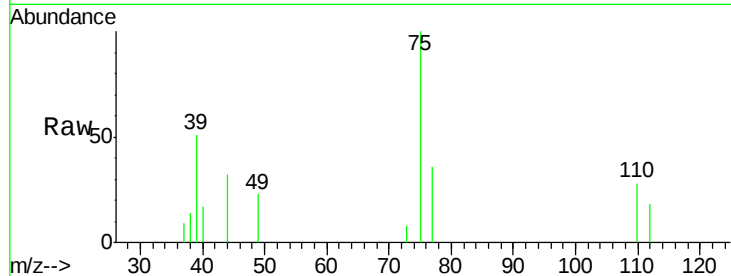
#53
t-1,3-Dichloropropene
Concen: 0.46 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
ClientSampled :
MDL 05

Tot Ion: 75 Resp: 981
Ion Ratio Lower Upper
75 100
77 36.3 25.0 37.4

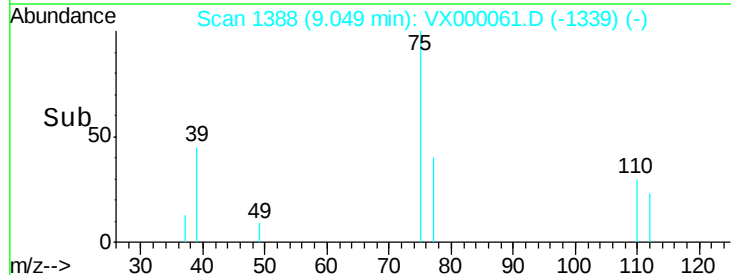
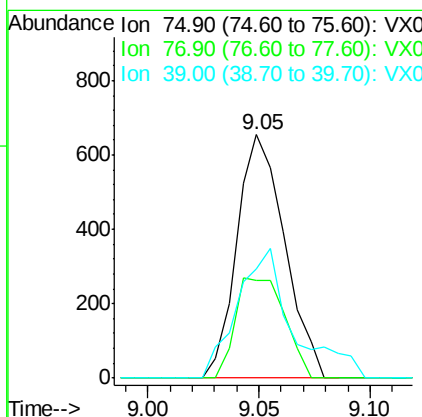
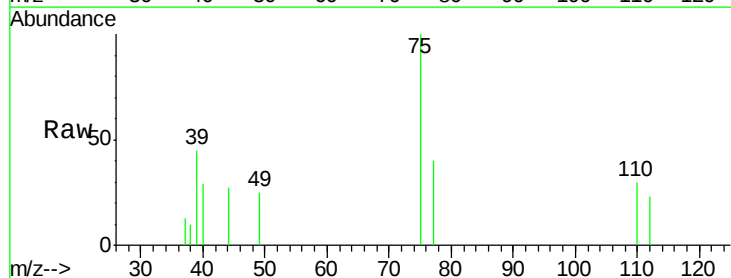
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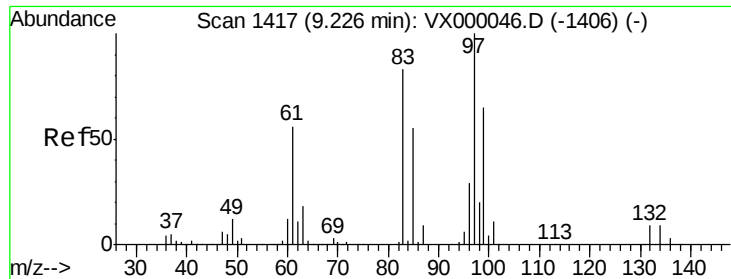
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 0.47 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion: 75 Resp: 977
Ion Ratio Lower Upper
75 100
77 40.3 25.1 37.7#
39 44.9 36.1 54.1





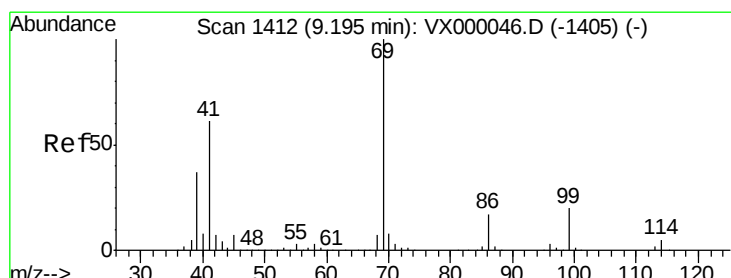
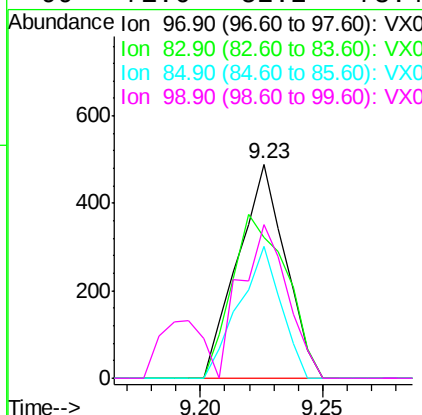
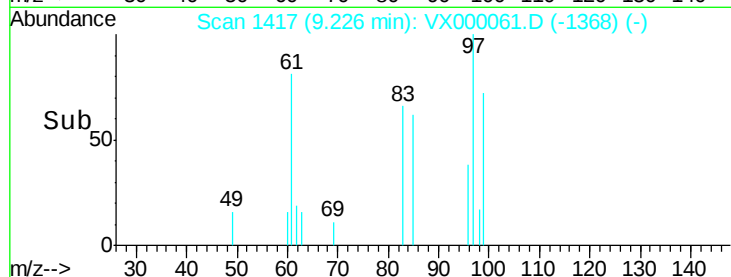
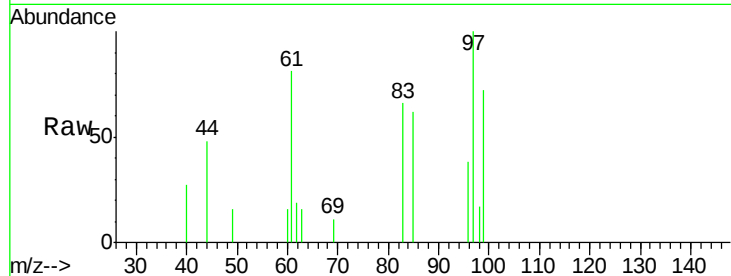
#55
 1,1,2-Trichloroethane
 Concen: 0.47 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Instrument :
 ClientSampled :
 MDL 05

Tot Ion:	97	Resp:	667
Ion	Ratio	Lower	Upper
97	100		
83	65.6	66.5	99.7#
85	62.0	43.8	65.6
99	71.6	52.2	78.4

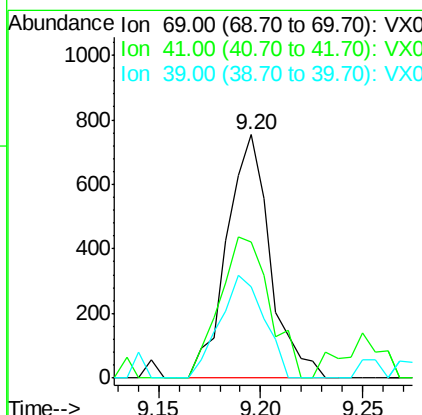
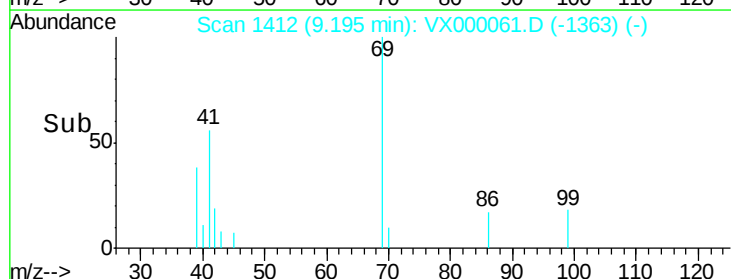
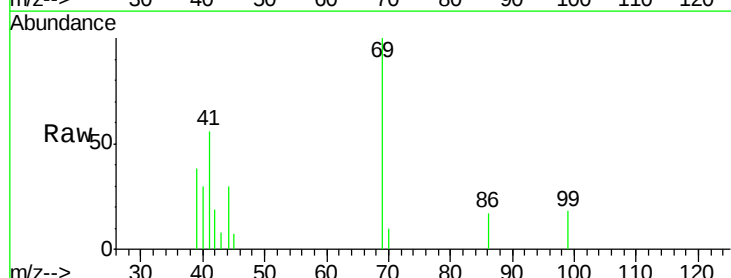
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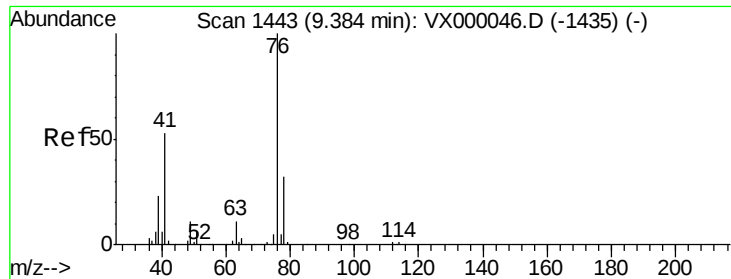
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#56
 Ethyl methacrylate
 Concen: 0.51 ug/l
 RT: 9.20 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Tgt Ion:	69	Resp:	1106
Ion	Ratio	Lower	Upper
69	100		
41	67.0	49.5	74.3
39	43.4	29.9	44.9





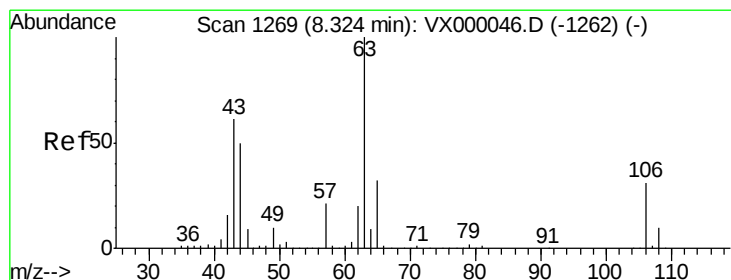
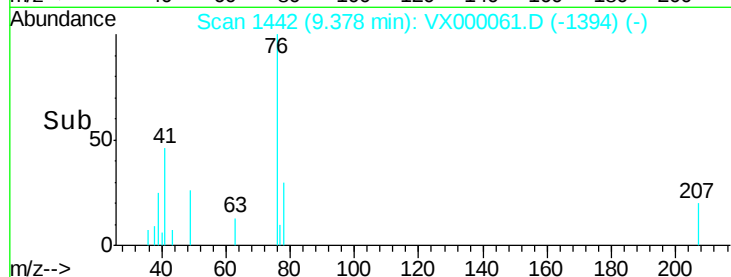
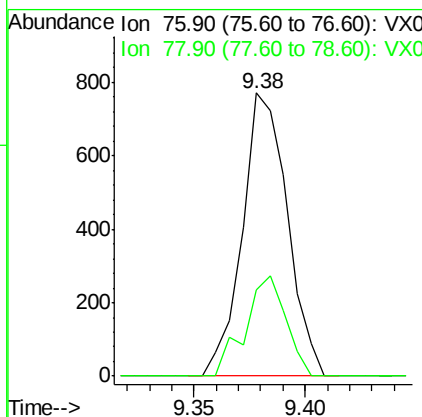
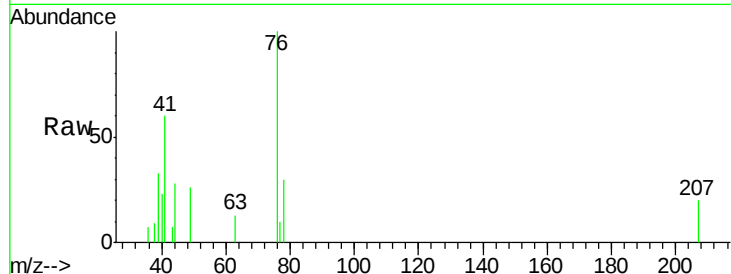
#57
 1,3-Dichloropropane
 Concen: 0.50 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Instrument :
 ClientSampled :
 MDL 05

Tot Ion: 76 Resp: 1087
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.9 38.9

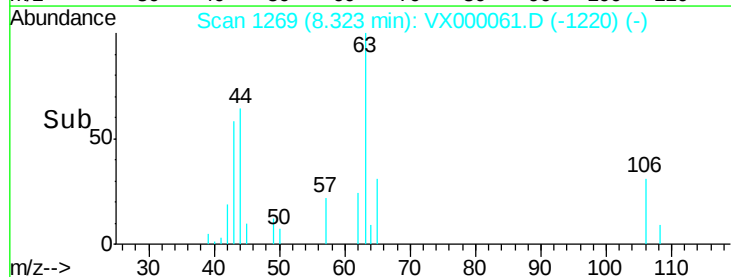
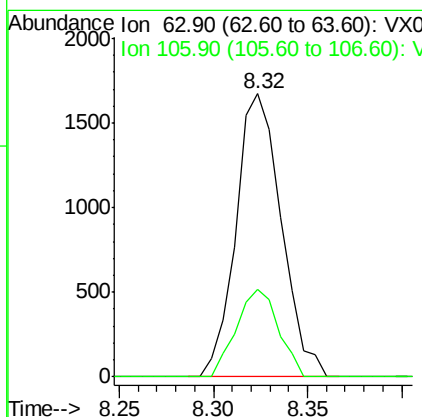
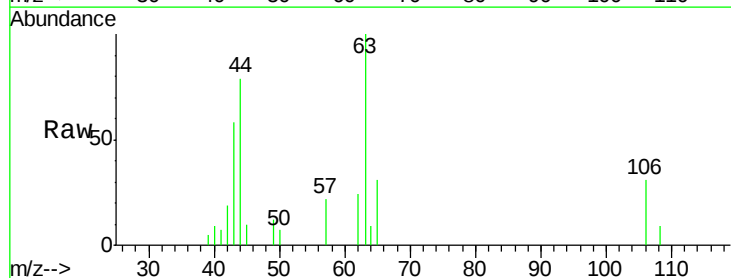
Manual Integrations
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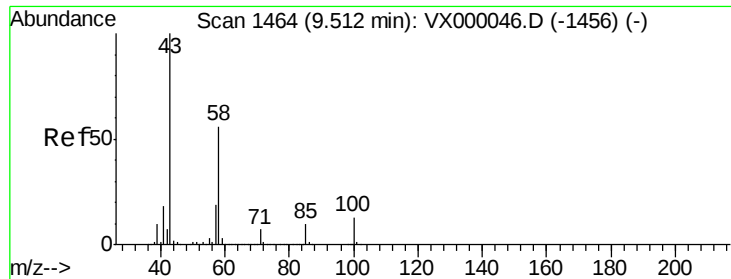
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 2.62 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Tgt Ion: 63 Resp: 2797
 Ion Ratio Lower Upper
 63 100
 106 28.5 24.7 37.1





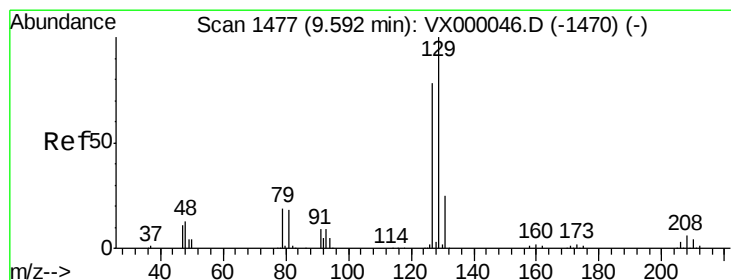
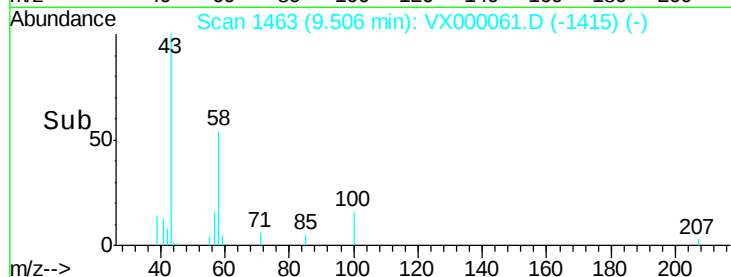
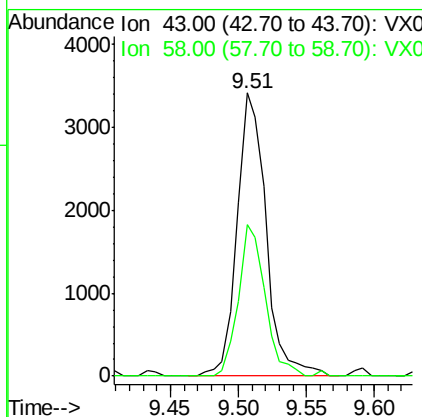
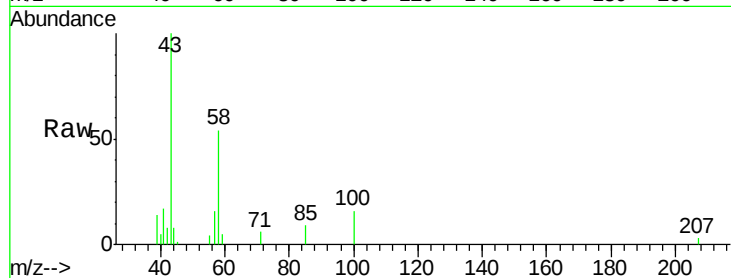
#59
2-Hexanone
Concen: 2.61 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
ClientSampled :
MDL 05

Tot Ion: 43 Resp: 5079
Ion Ratio Lower Upper
43 100
58 49.6 27.6 82.7

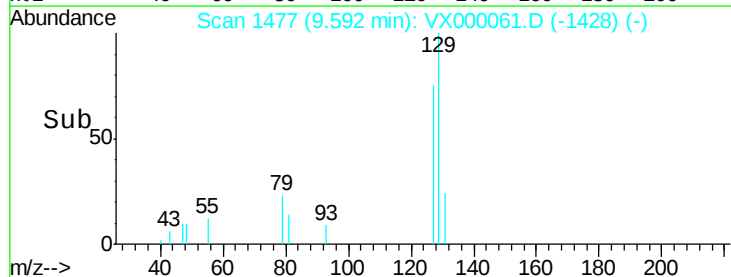
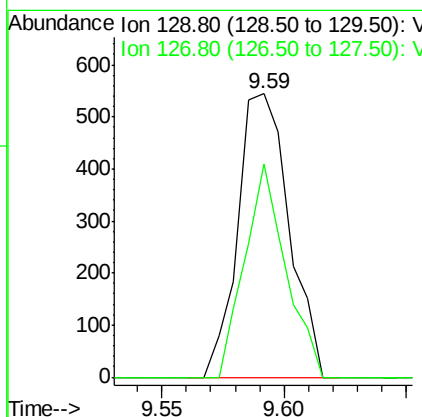
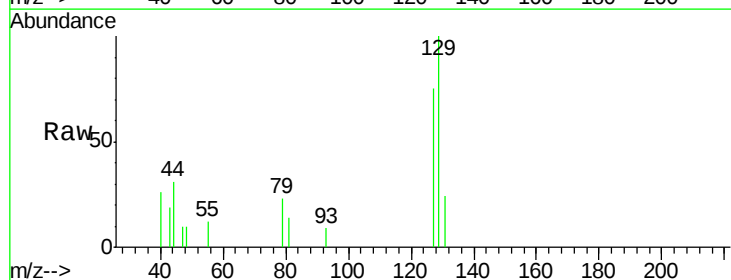
Manual Integrations
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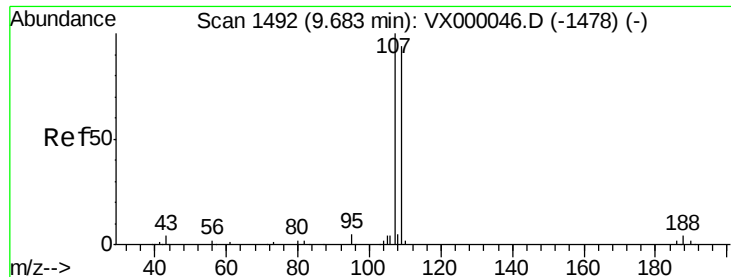
MMDadoda
2/15/2018 6:05:09 PM



#60
Dibromochloromethane
Concen: 0.49 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion:129 Resp: 795
Ion Ratio Lower Upper
129 100
127 60.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 0.45 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

ClientSampled :

MDL 05

Tot Ion:107 Resp: 702

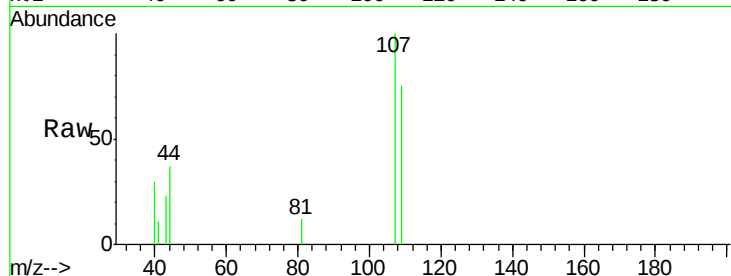
Ion Ratio Lower Upper

107 100

109 85.9 74.6 111.8

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

600

500

400

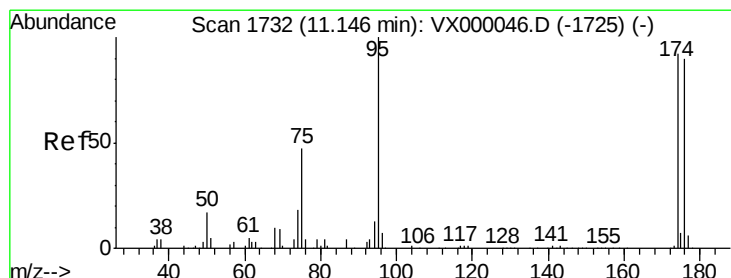
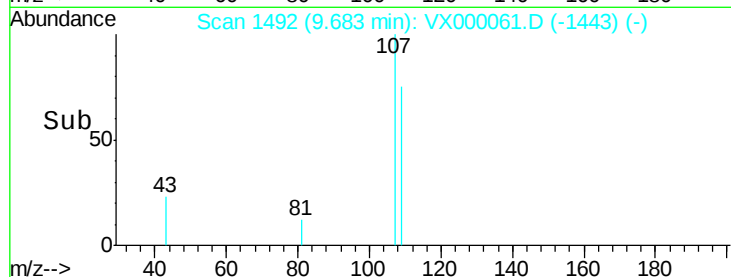
300

200

100

0

Time-->



#62

4-Bromofluorobenzene

Concen: 46.75 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

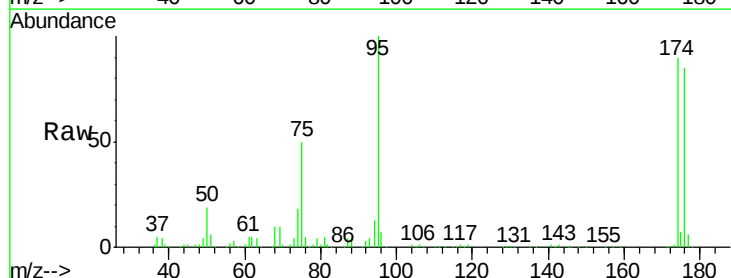
Tgt Ion: 95 Resp: 83830

Ion Ratio Lower Upper

95 100

174 90.1 0.0 185.6

176 86.5 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.15

80000

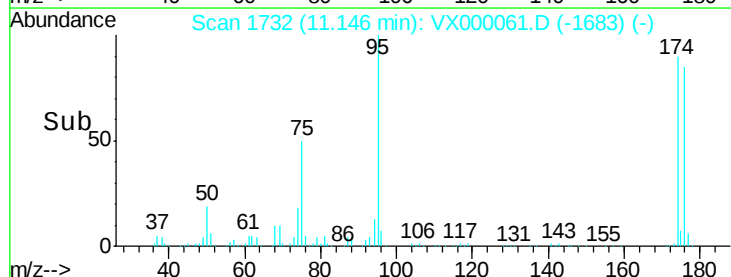
60000

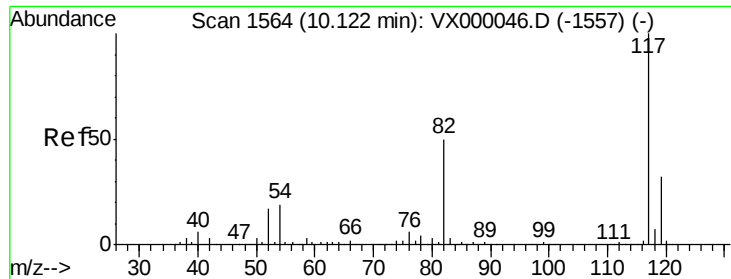
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

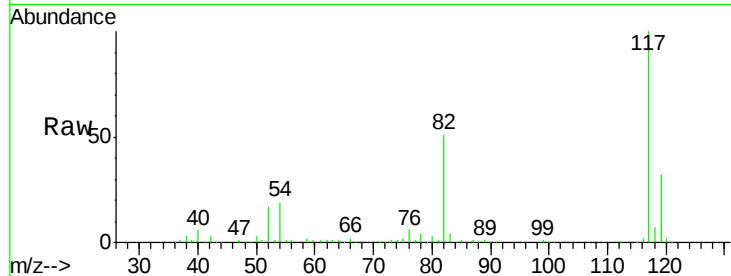
ClientSampled :

MDL 05

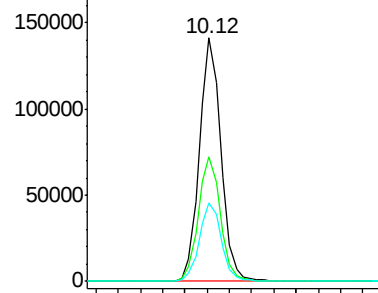
Tot Ion:	117	Resp:	189709
Ion Ratio	Lower	Upper	
117	100		
82	51.3	40.3	60.5
119	32.2	25.3	37.9

Manual Integrations
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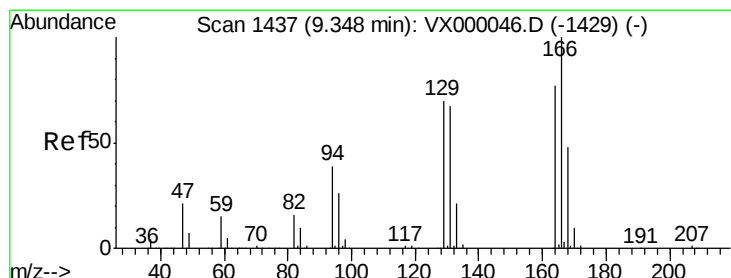
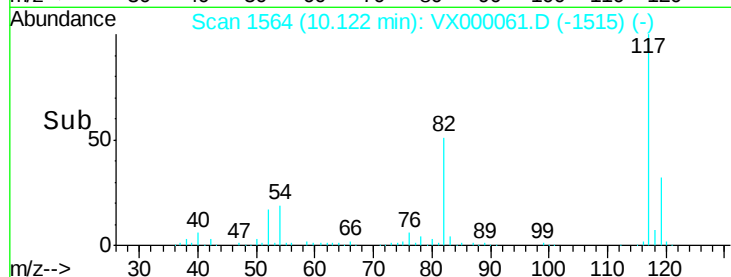
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Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



Time-->



#64

Tetrachloroethene

Concen: 0.58 ug/l

RT: 9.34 min Scan# 1436

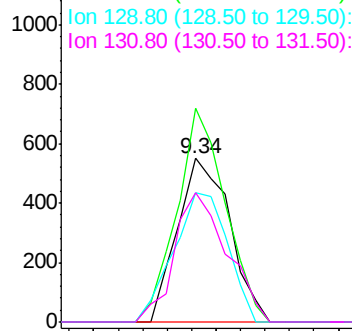
Delta R.T. -0.01 min

Lab File: VX000061.D

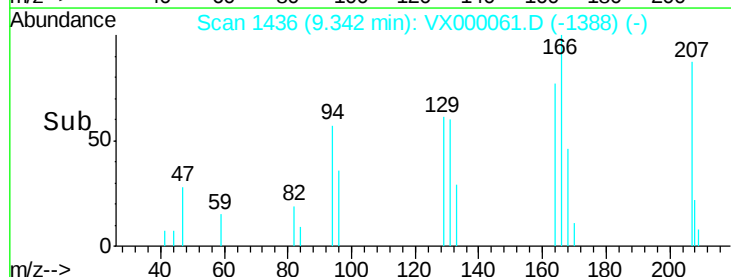
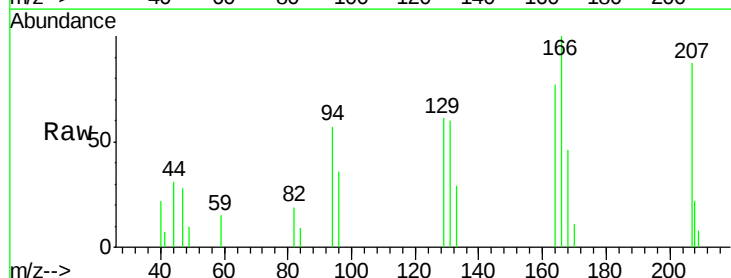
Acq: 12 Feb 2018 13:00

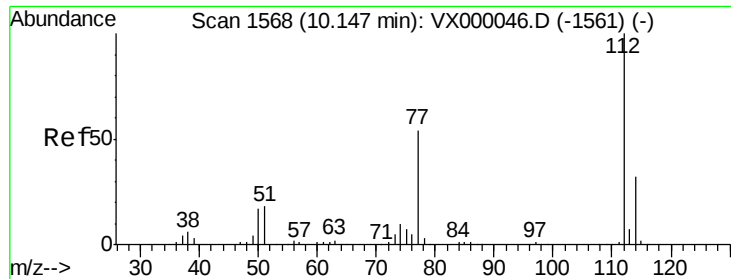
Tgt Ion:	164	Resp:	818
Ion Ratio	Lower	Upper	
164	100		
166	130.5	103.7	155.5
129	79.3	72.2	108.4
131	78.6	69.1	103.7

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



Time-->





#65

Chlorobenzene

Concen: 0.55 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

ClientSampled :

MDL 05

Tot Ion:112 Resp: 2156

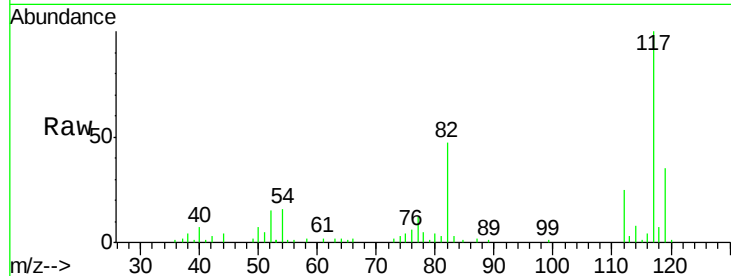
Ion Ratio Lower Upper

112 100

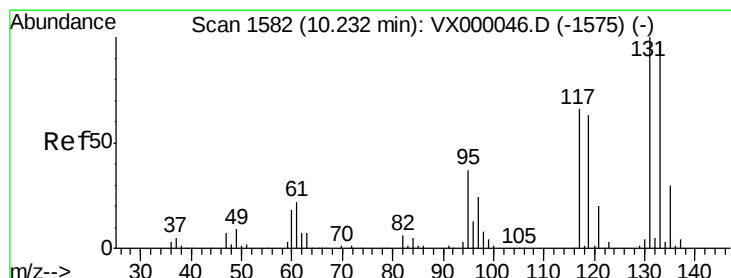
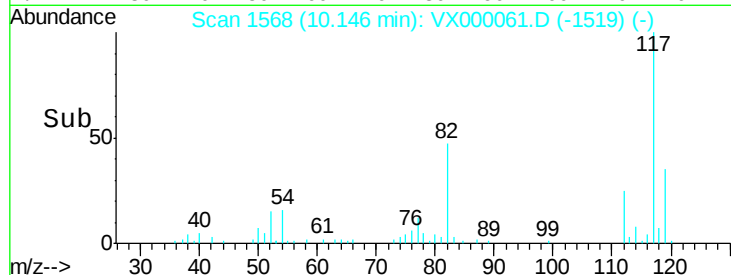
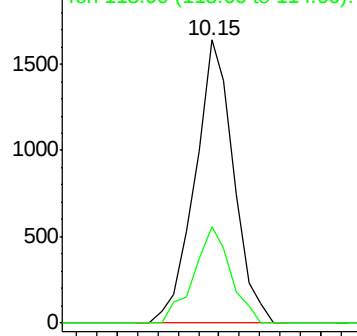
114 34.1 25.6 38.4

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Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.53 ug/l

RT: 10.23 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

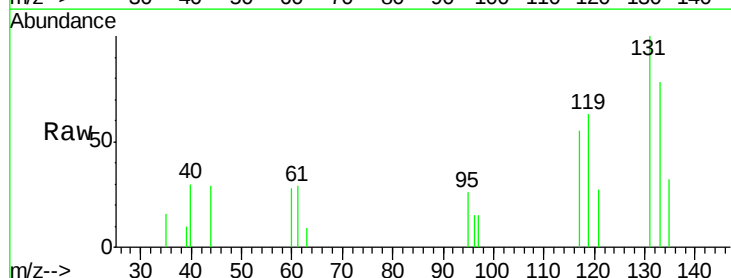
Tgt Ion:131 Resp: 758

Ion Ratio Lower Upper

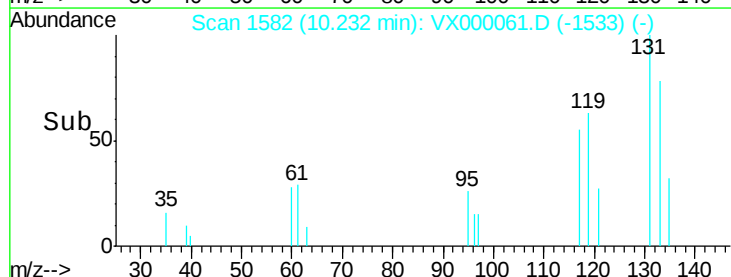
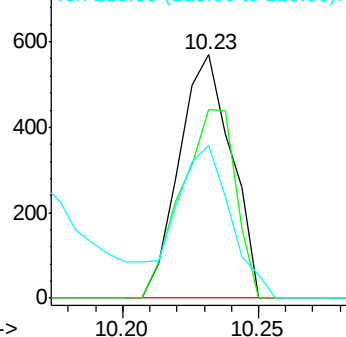
131 100

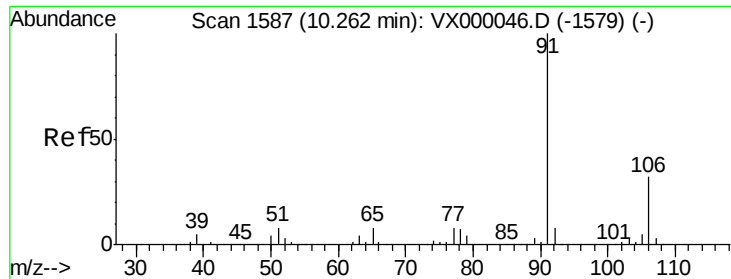
133 80.5 47.6 142.9

119 0.0 31.7 95.1#



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V





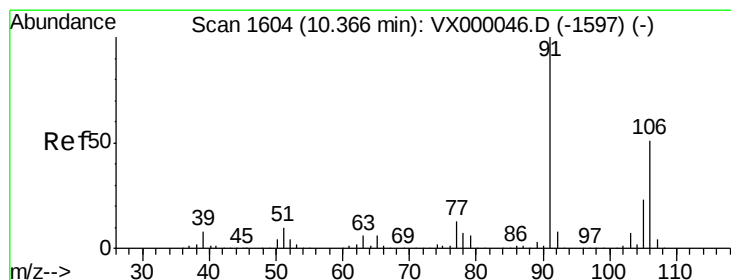
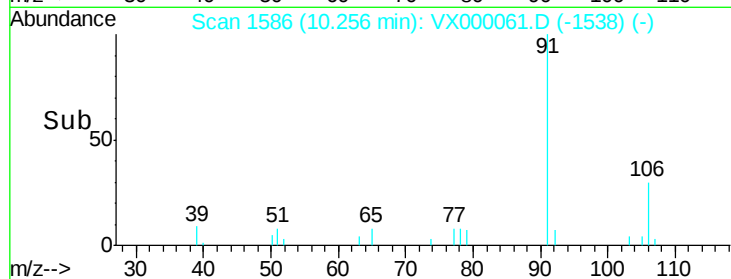
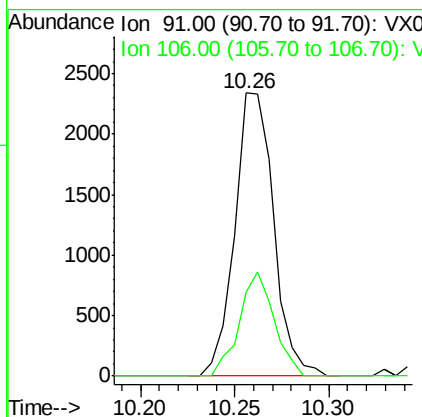
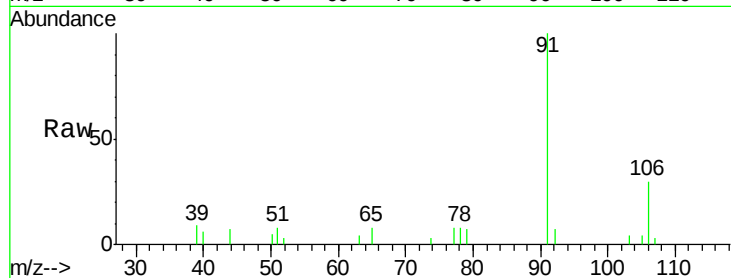
#67
Ethyl Benzene
Concen: 0.51 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
Client Sampled :
MDL 05

Tot Ion: 91 Resp: 3346
Ion Ratio Lower Upper
91 100
106 29.6 25.9 38.9

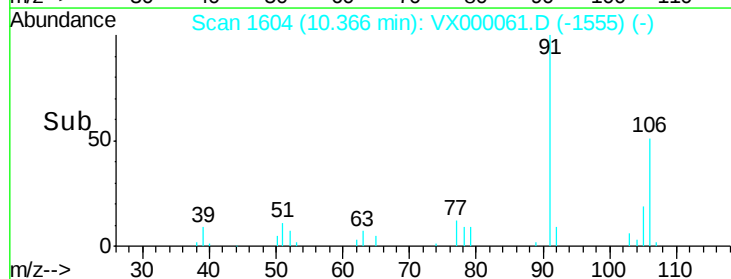
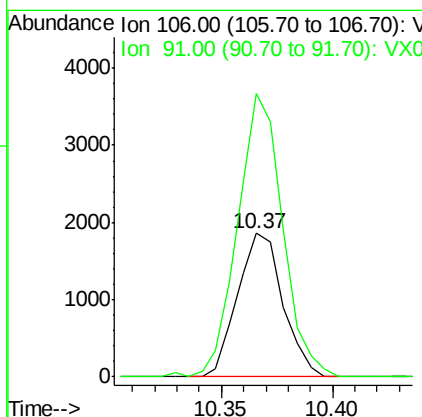
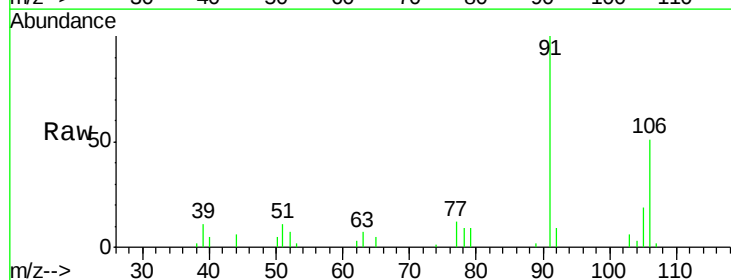
Manual Integrations
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#68
m/p-Xylenes
Concen: 1.01 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion: 106 Resp: 2636
Ion Ratio Lower Upper
106 100
91 195.9 158.3 237.5





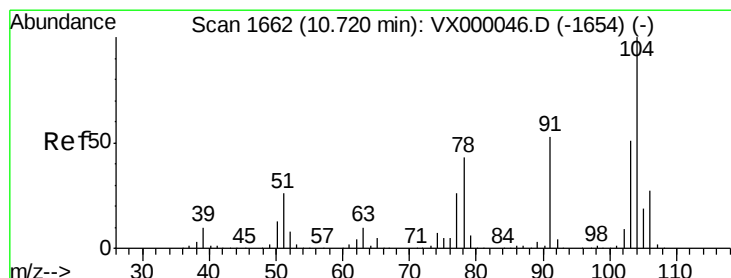
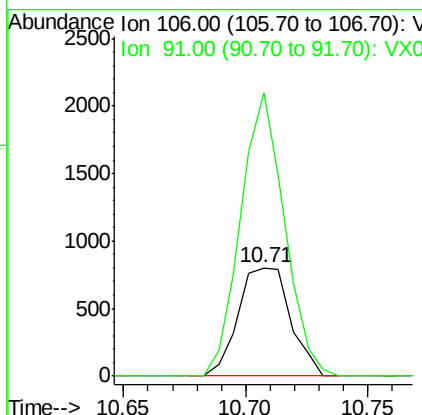
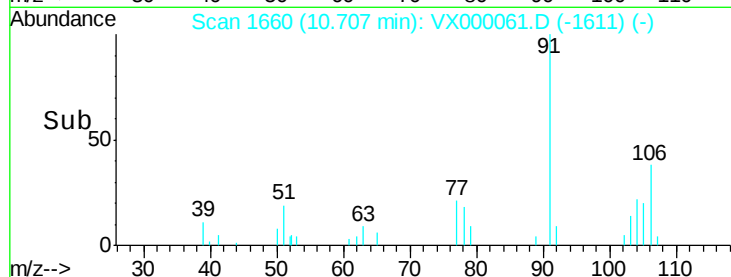
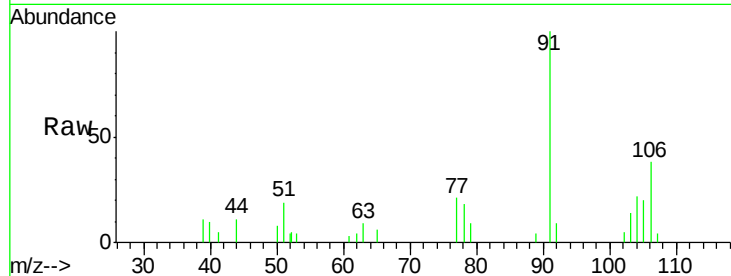
#69
o-Xylene
Concen: 0.47 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
Client Sampled :
MDL 05

Tot Ion:106 Resp: 1191
Ion Ratio Lower Upper
106 100
91 219.4 104.0 312.0

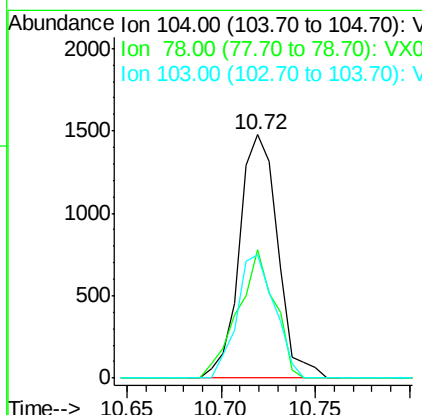
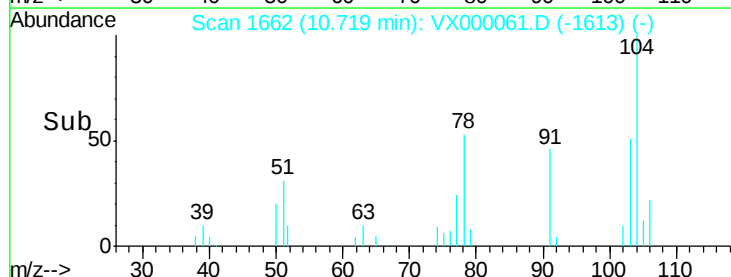
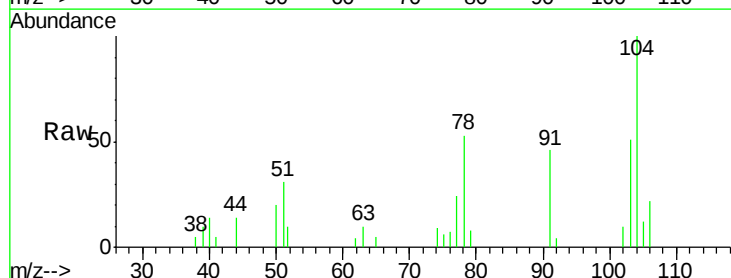
Manual Integrations
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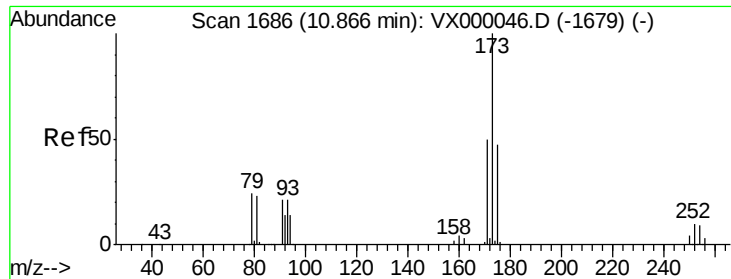
MMDadoda
2/15/2018 6:05:09 PM



#70
Styrene
Concen: 0.49 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion:104 Resp: 2083
Ion Ratio Lower Upper
104 100
78 51.0 37.7 56.5
103 50.0 44.0 66.0





#71

Bromoform

Concen: 0.38 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

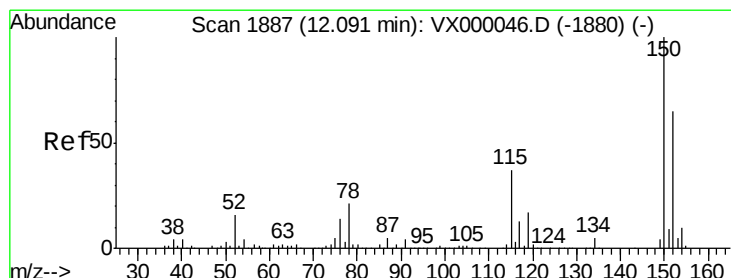
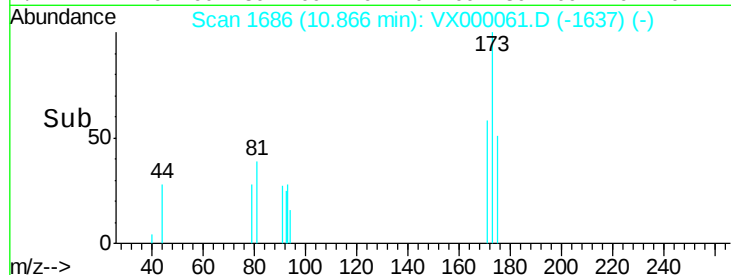
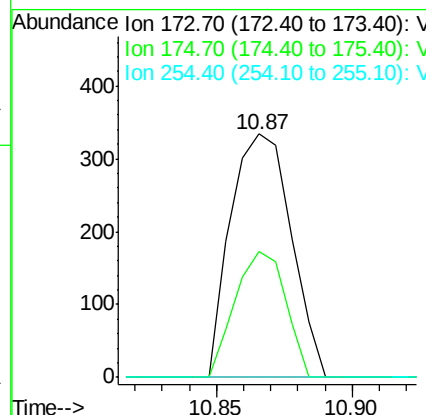
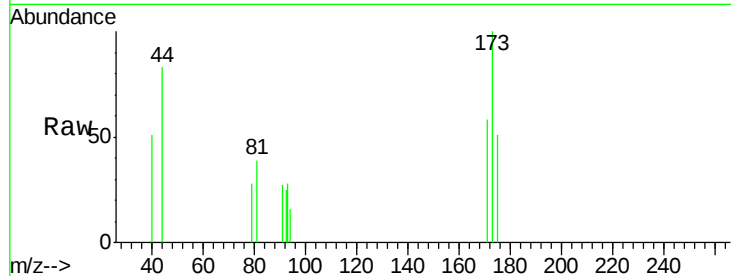
ClientSampled :

MDL 05

Tot Ion	Ratio	Lower	Upper
173	100		
175	43.0	23.9	71.8
254	0.0	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

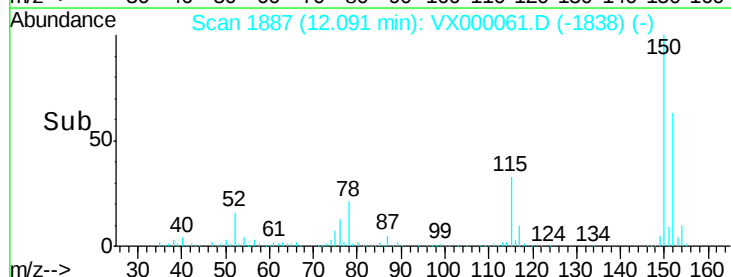
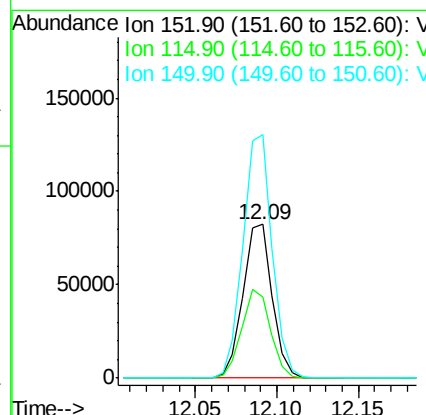
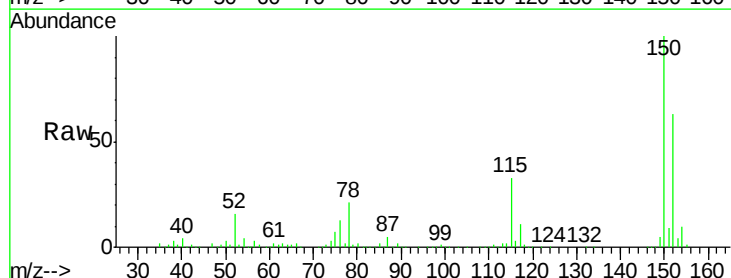
RT: 12.09 min Scan# 1887

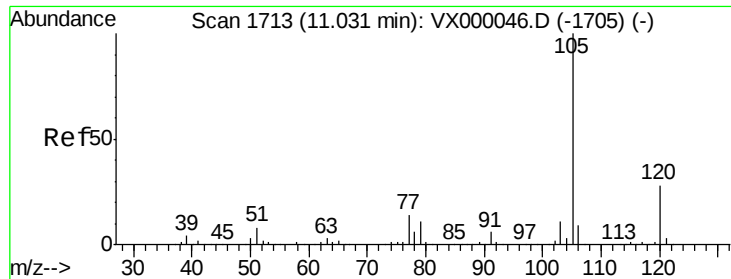
Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	39.3	117.8
150	158.3	0.0	349.2





#73

Isopropylbenzene

Concen: 0.53 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

ClientSampled :

MDL 05

Tot Ion: 105 Resp: 3460

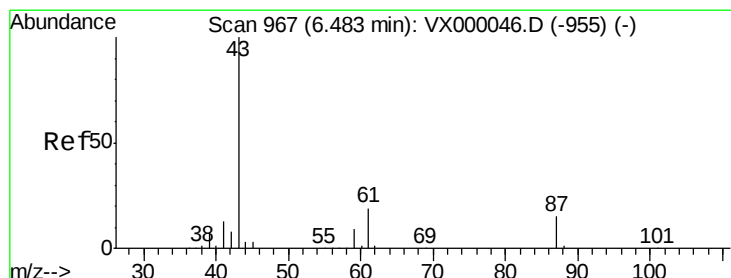
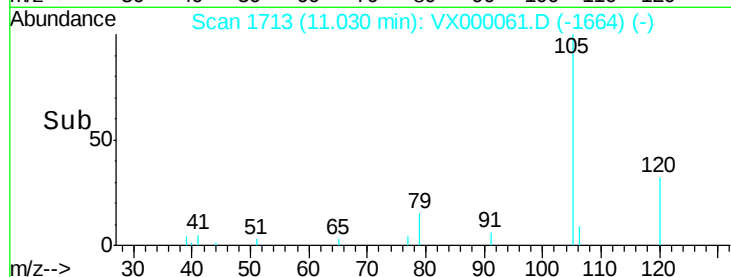
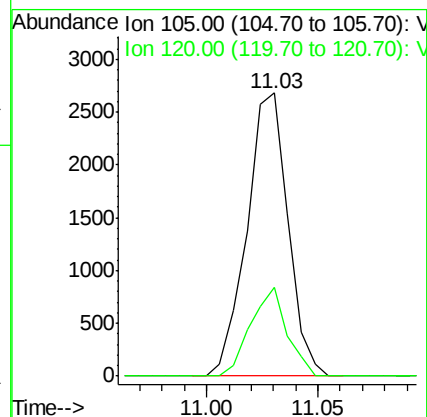
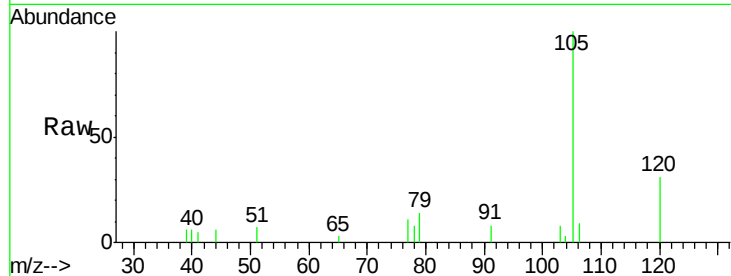
Ion Ratio Lower Upper

105 100

120 27.5 13.8 41.3

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2/15/2018 6:05:09 PM



#74

N-ethyl acetate

Concen: 0.58 ug/l

RT: 6.48 min Scan# 967

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Tgt Ion: 43 Resp: 1891

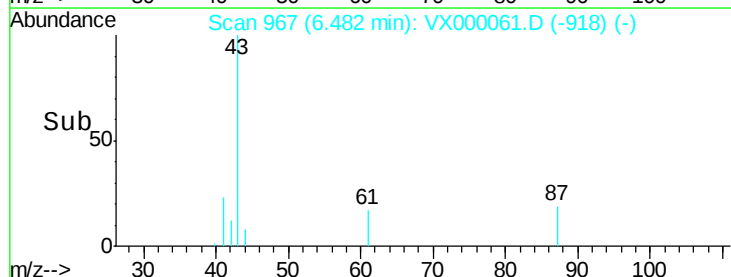
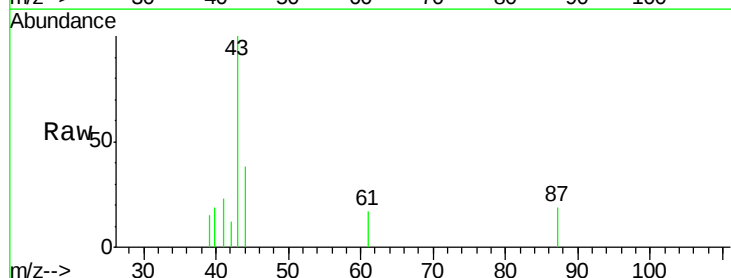
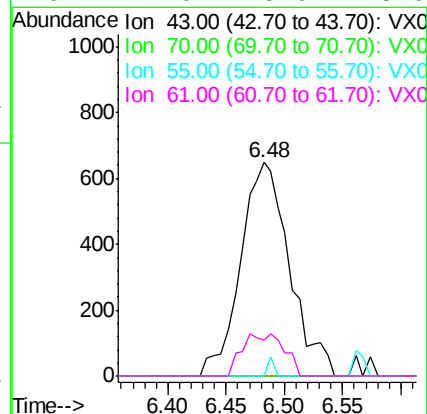
Ion Ratio Lower Upper

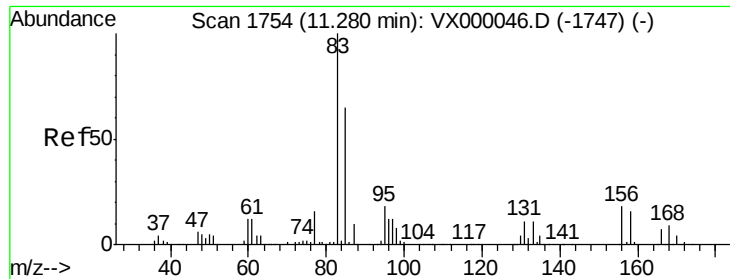
43 100

70 0.0 0.0 0.0

55 1.2 0.1 0.1#

61 17.0 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 0.51 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

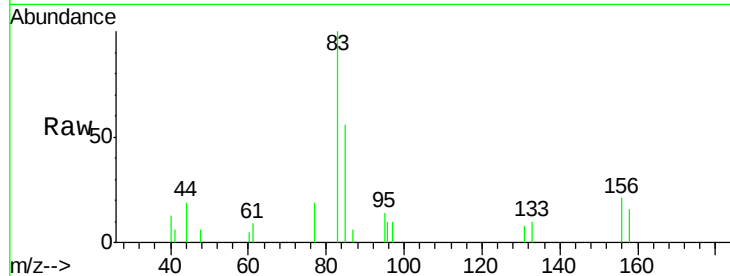
ClientSampled :

MDL 05

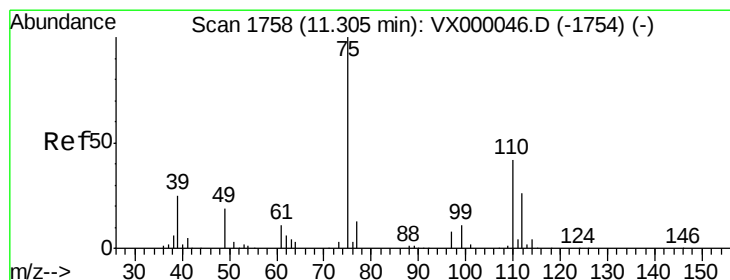
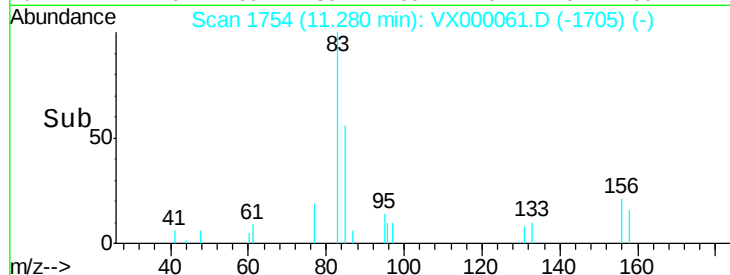
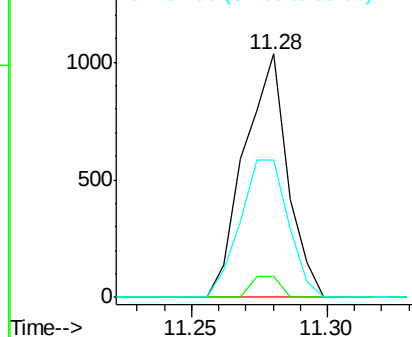
Tot Ion:	83	Resp:	1143
Ion	Ratio	Lower	Upper
83	100		
131	5.6	5.5	16.7
85	62.8	32.6	97.7

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 0.52 ug/l m

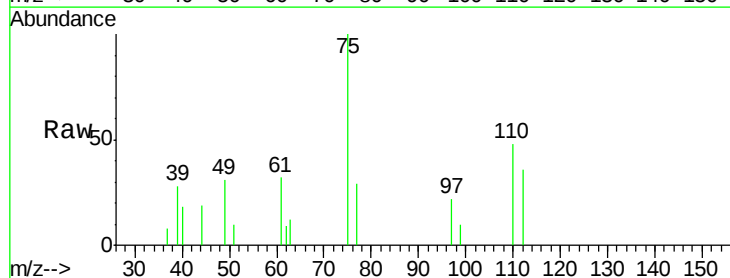
RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

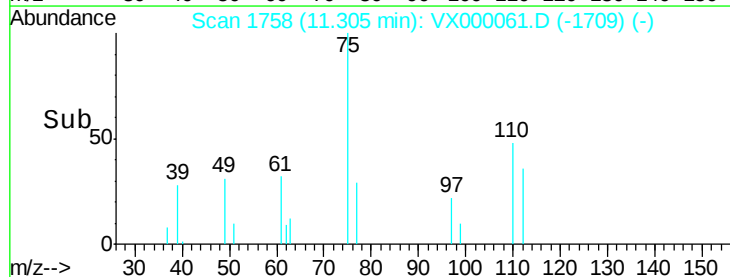
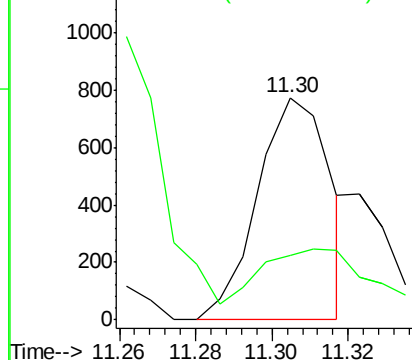
Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Tgt Ion:	75	Resp:	1019
Ion	Ratio	Lower	Upper
75	100		
77	49.9	23.7	71.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 0.56 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.01 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

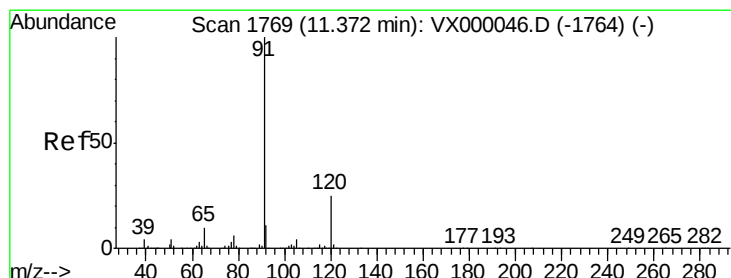
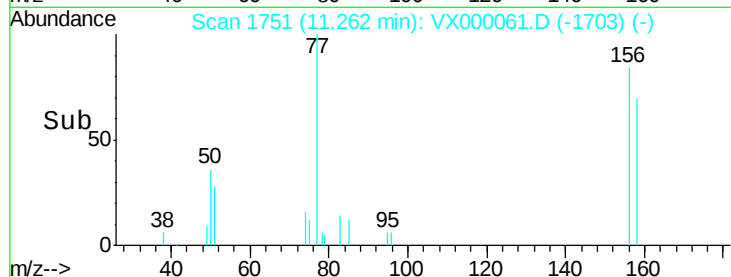
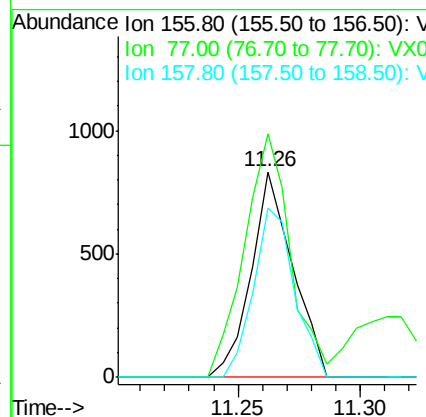
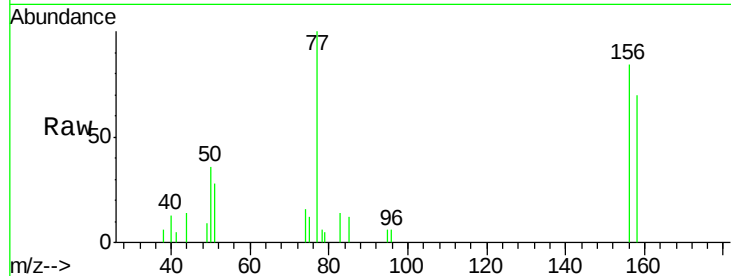
ClientSampled :

MDL 05

Tot Ion	Ratio	Lower	Upper
156	100		
77	130.4	66.2	198.6
158	80.9	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 0.56 ug/l

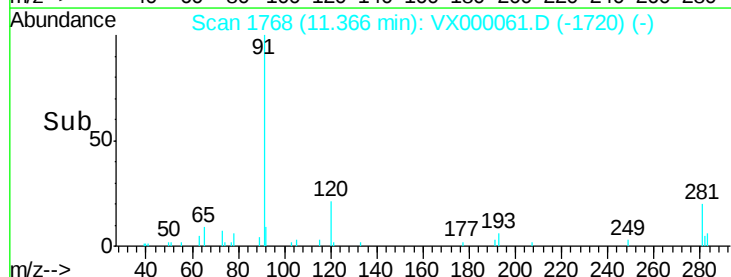
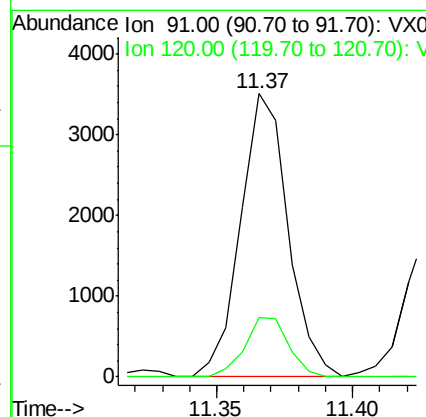
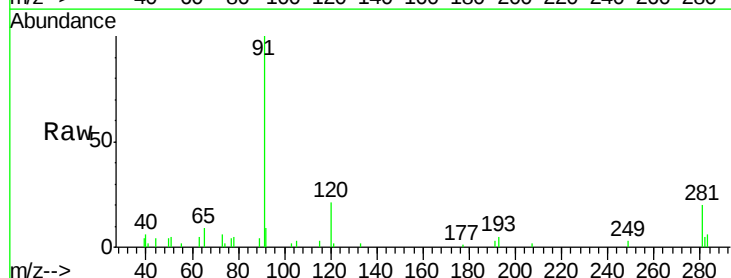
RT: 11.37 min Scan# 1768

Delta R.T. -0.01 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	19.4	12.2	36.6





#79

2-Chlorotoluene

Concen: 0.57 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

ClientSampled :

MDL 05

Tot Ion: 91 Resp: 2510

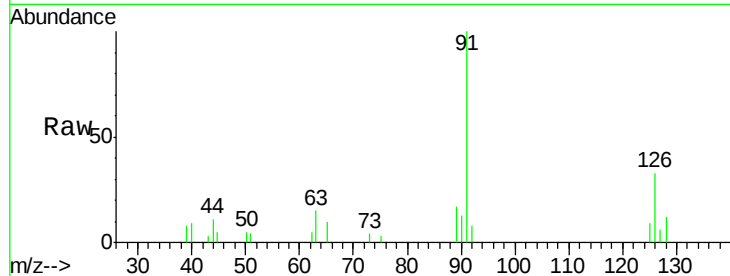
Ion Ratio Lower Upper

91 100

126 33.9 18.2 54.6

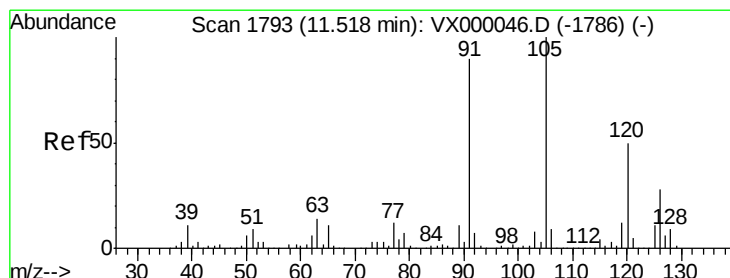
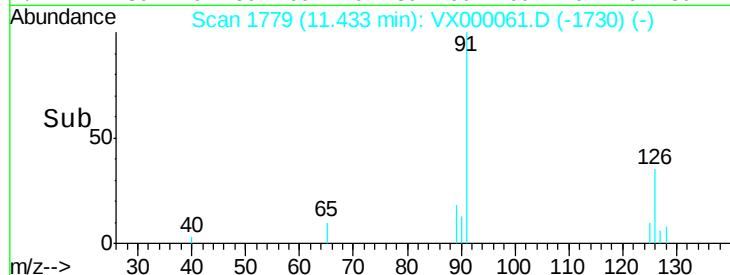
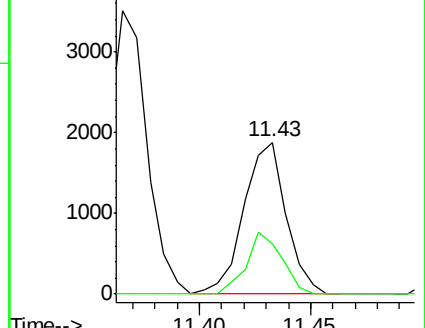
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX000046.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000046.D (-1774) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.50 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000061.D

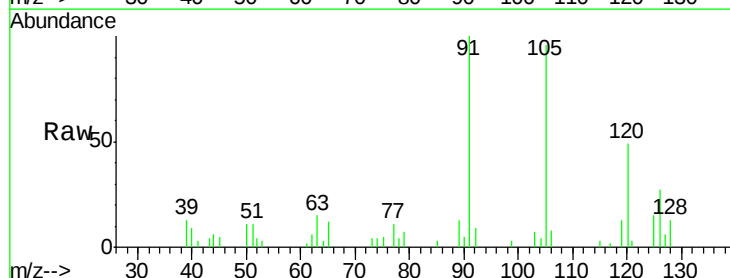
Acq: 12 Feb 2018 13:00

Tgt Ion: 105 Resp: 2728

Ion Ratio Lower Upper

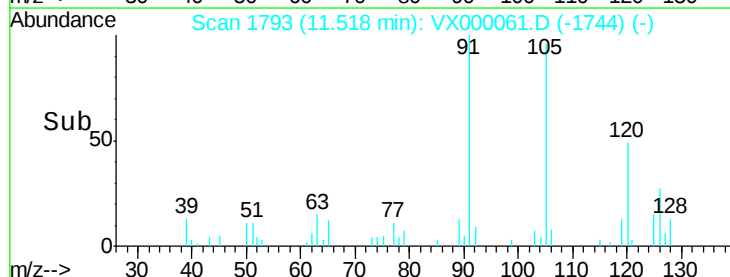
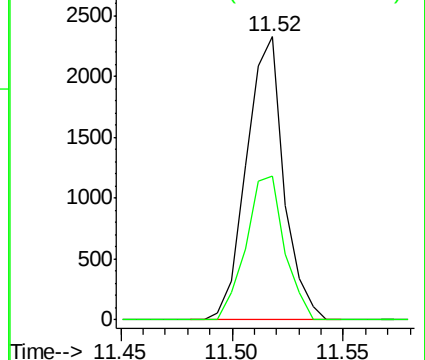
105 100

120 52.0 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): VX000046.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000046.D (-1786) (-)





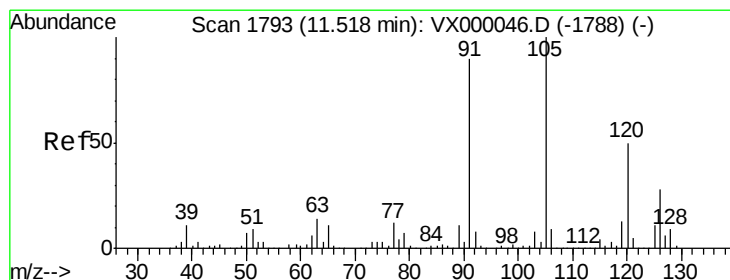
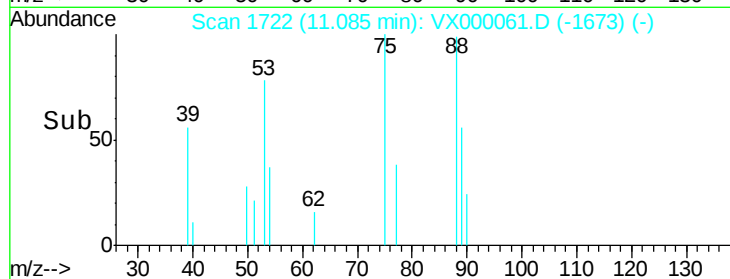
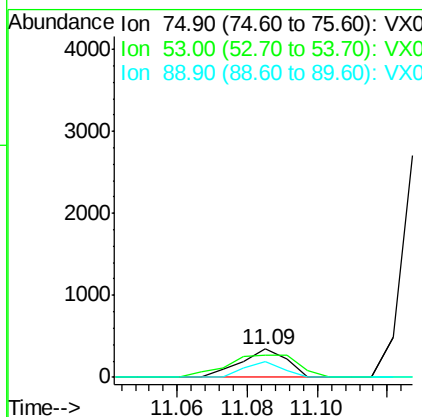
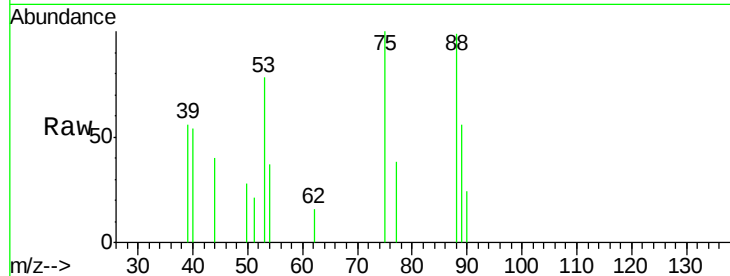
#81
trans-1,4-Dichloro-2-butene
Concen: 0.40 ug/l m
RT: 11.09 min Scan# 1722
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
ClientSampled :
MDL 05

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.3	105.5#
89	0.0	48.6	72.8#

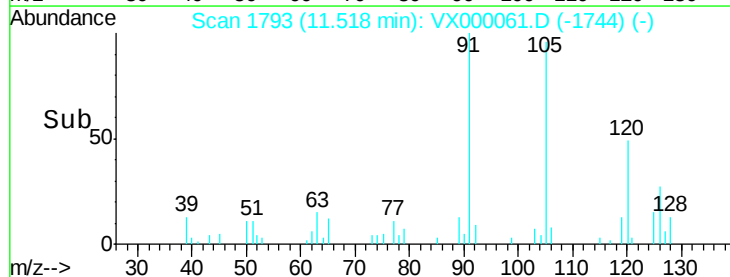
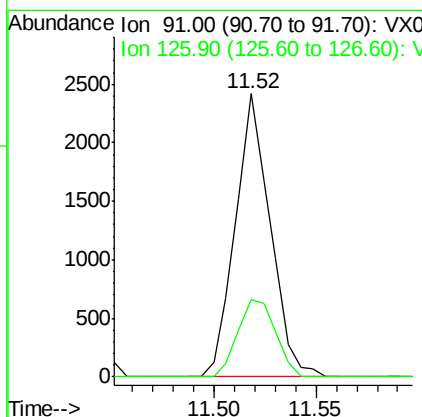
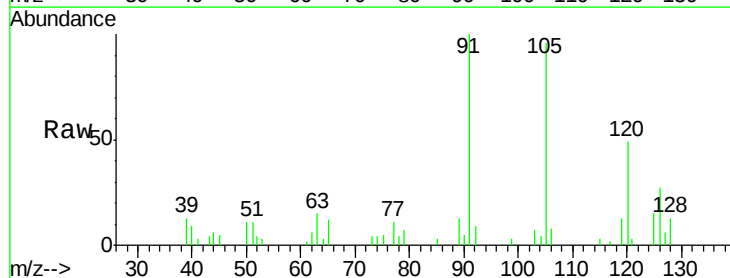
Manual Integrations
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#82
4-Chlorotoluene
Concen: 0.55 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	16.3	48.8





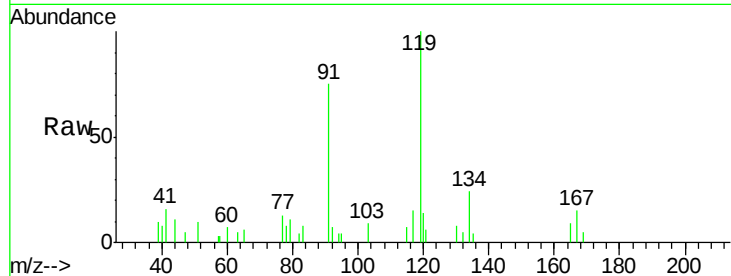
#83
tert-Butylbenzene
Concen: 0.49 ug/l
RT: 11.78 min Scan# 1836
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
Client Sampled :
MDL 05

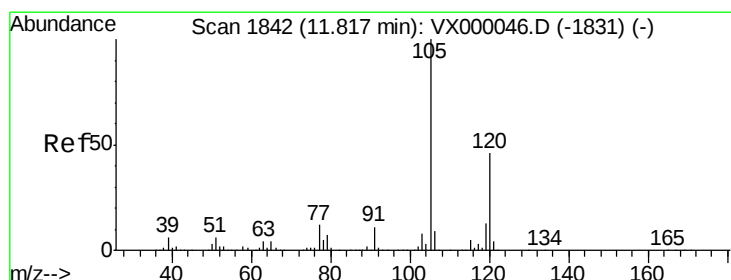
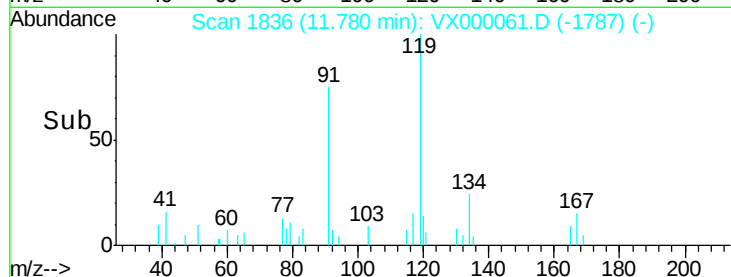
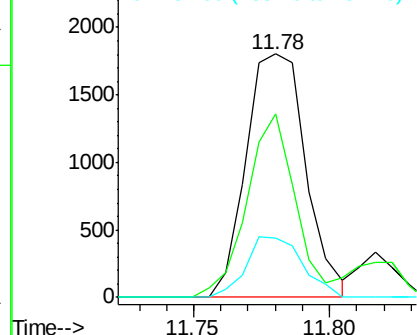
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.5	27.9	83.7
134	23.5	11.7	35.1

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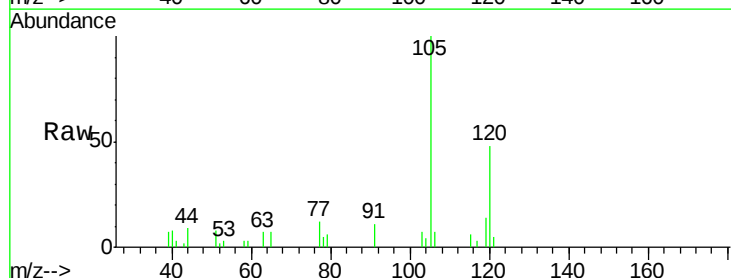


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

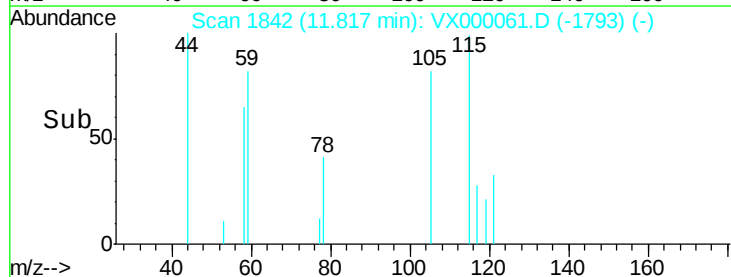
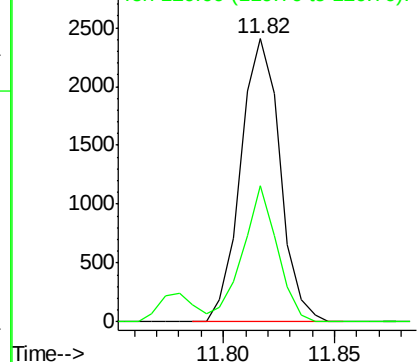


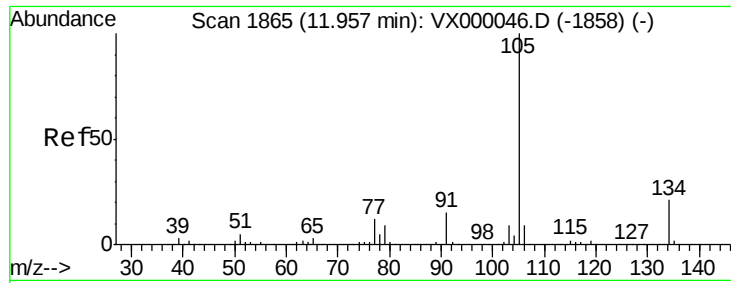
#84
1,2,4-Trimethylbenzene
Concen: 0.53 ug/l
RT: 11.82 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.4	23.4	70.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.53 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

ClientSampled :

MDL 05

Tot Ion:105 Resp: 3616

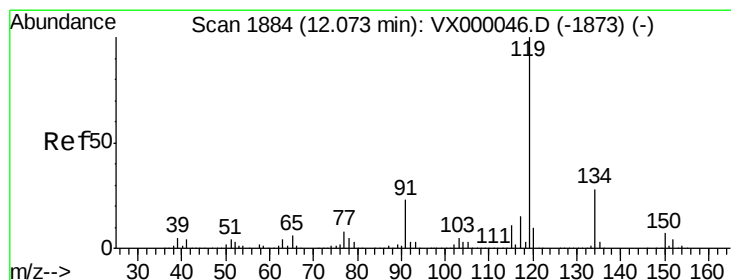
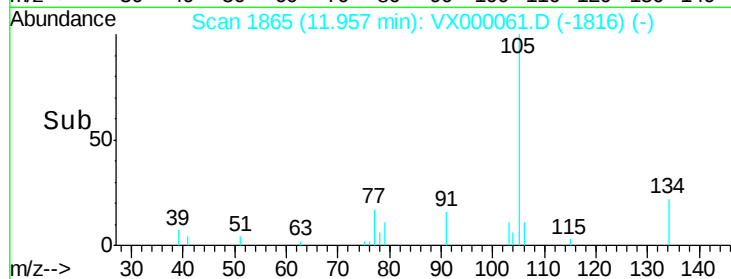
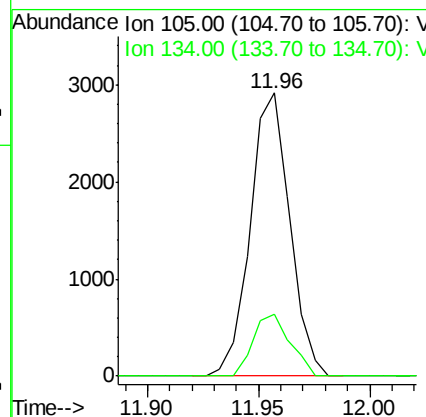
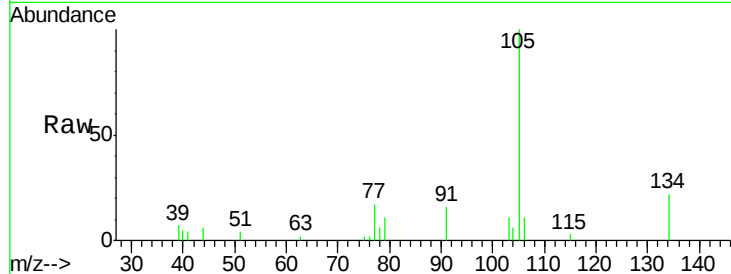
Ion Ratio Lower Upper

105 100

134 20.4 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 0.55 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

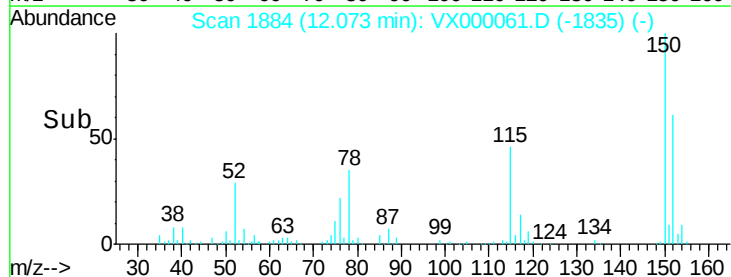
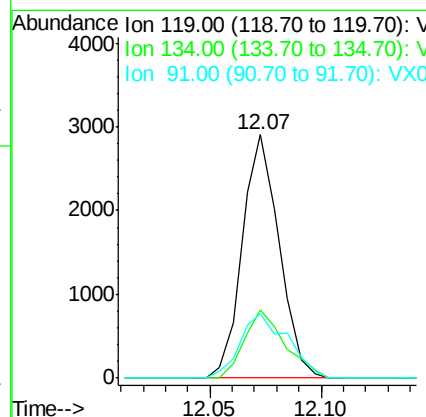
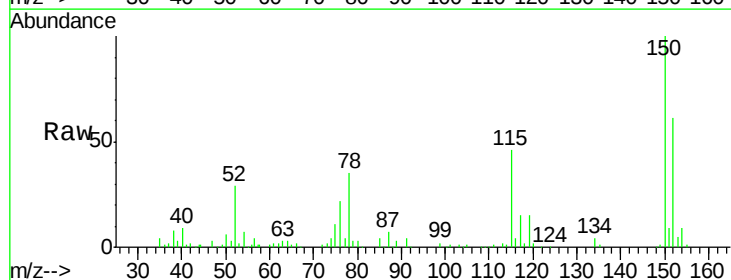
Tgt Ion:119 Resp: 3349

Ion Ratio Lower Upper

119 100

134 30.8 14.0 41.9

91 34.0 11.6 34.7





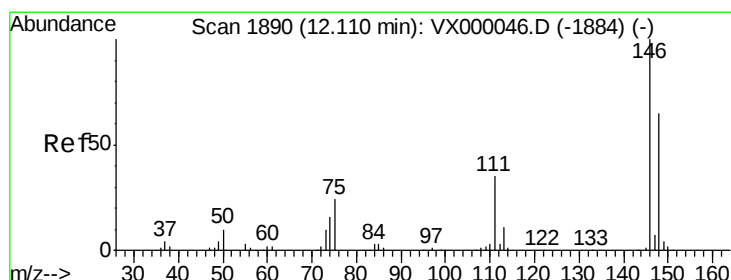
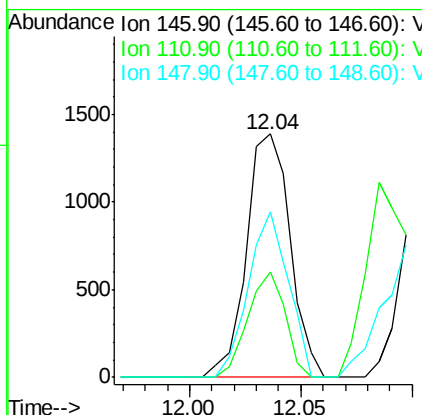
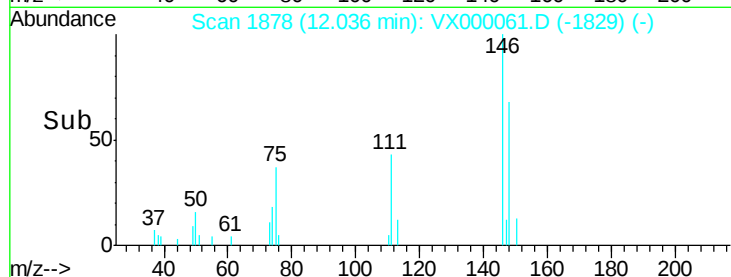
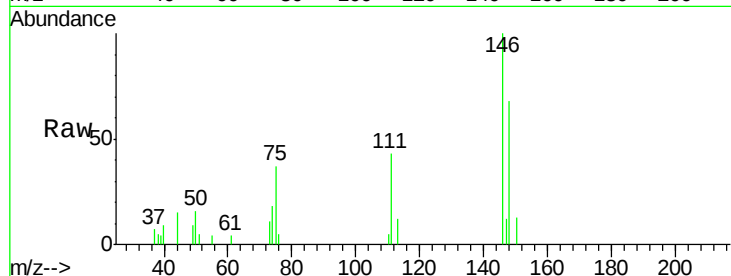
#87
 1,3-Dichlorobenzene
 Concen: 0.57 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Instrument :
 Client Sampled :
 MDL 05

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.9	56.9
148	62.1	31.8	95.4

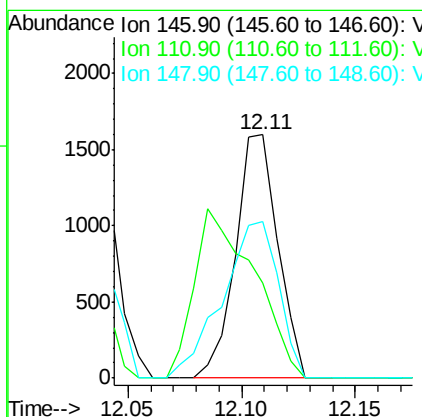
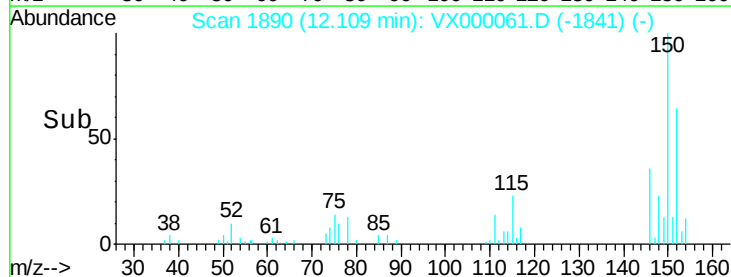
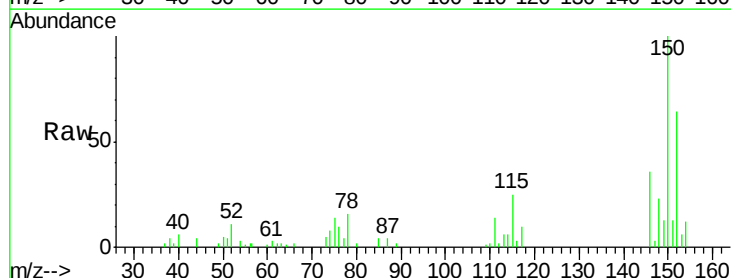
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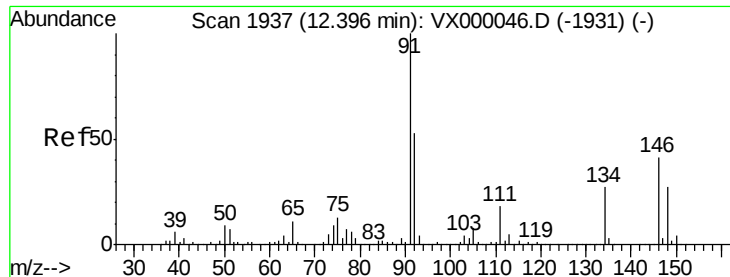
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#88
 1,4-Dichlorobenzene
 Concen: 0.61 ug/l m
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	33.9	18.7	56.1
148	56.8	32.1	96.5





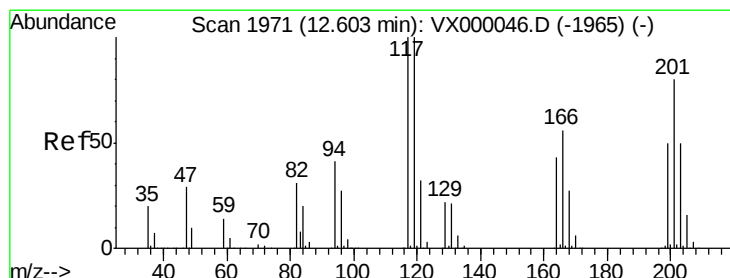
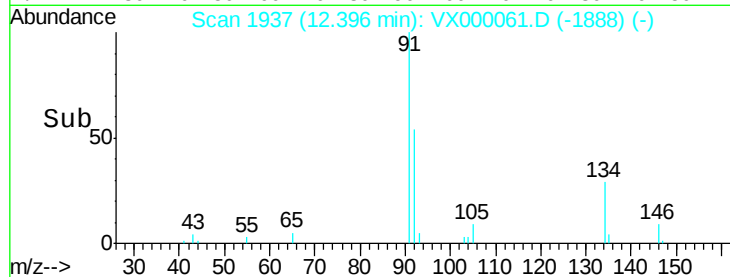
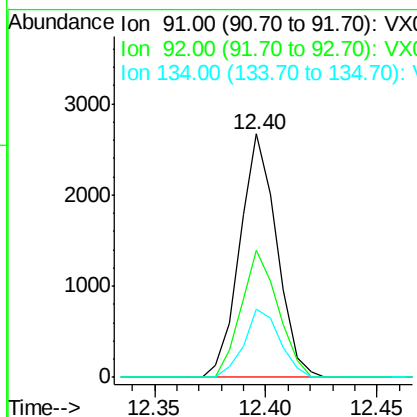
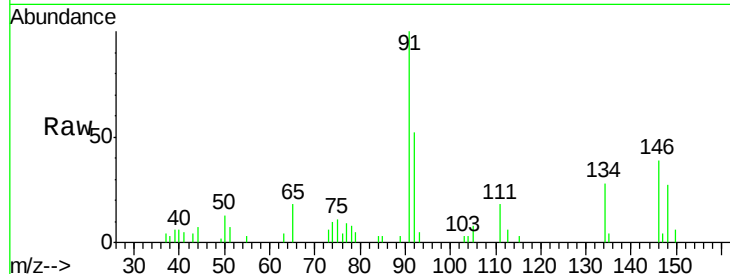
#89
n-Butylbenzene
Concen: 0.54 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
Client Sampled :
MDL 05

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.1	78.2
134	27.3	14.1	42.2

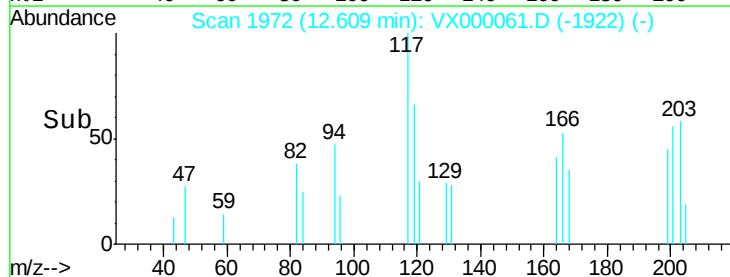
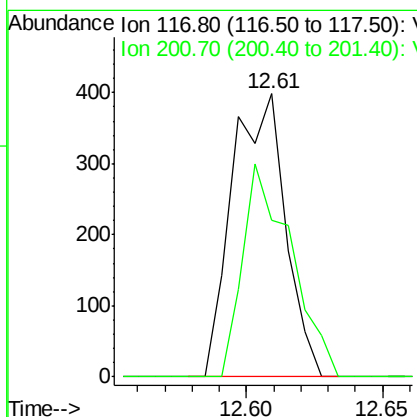
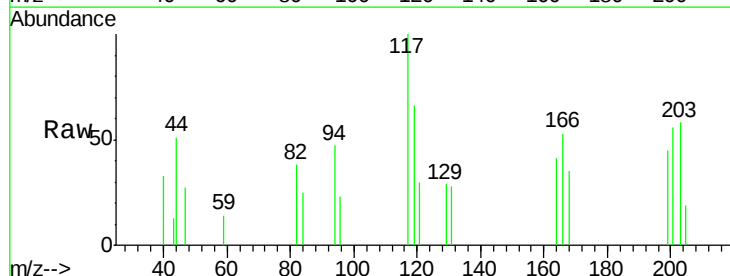
Manual Integrations
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#90
Hexachloroethane
Concen: 0.50 ug/l
RT: 12.61 min Scan# 1972
Delta R.T. 0.01 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.7	43.5	130.7





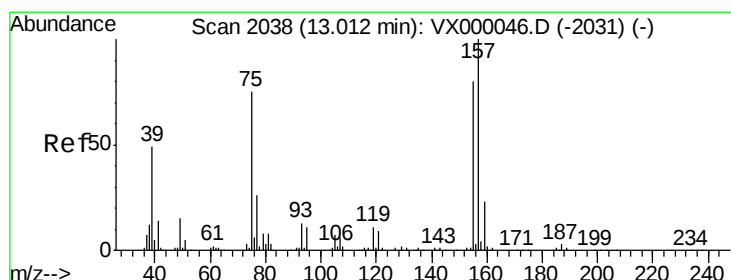
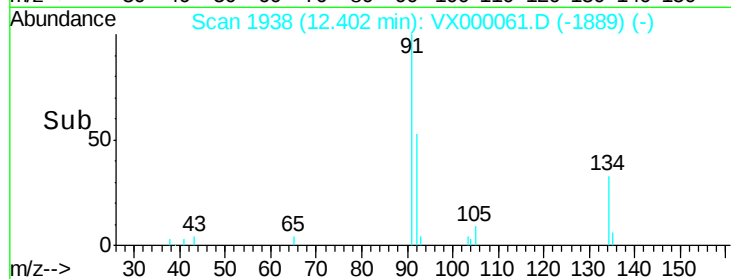
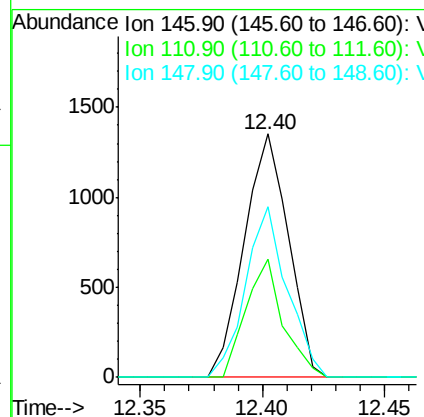
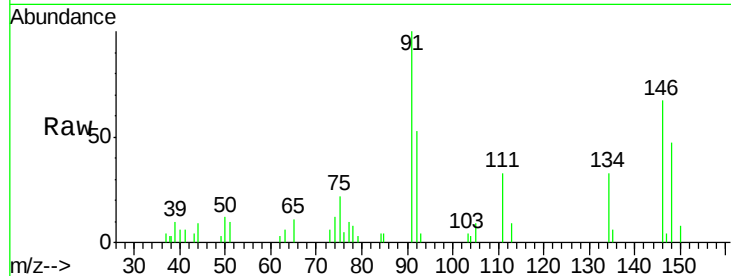
#91
1,2-Dichlorobenzene
Concen: 0.52 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Instrument :
ClientSampled :
MDL 05

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.4	58.2
148	66.1	32.0	96.2

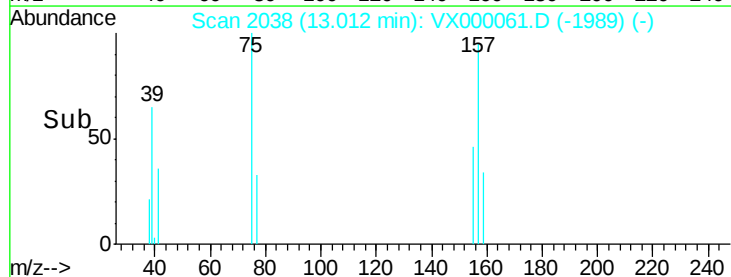
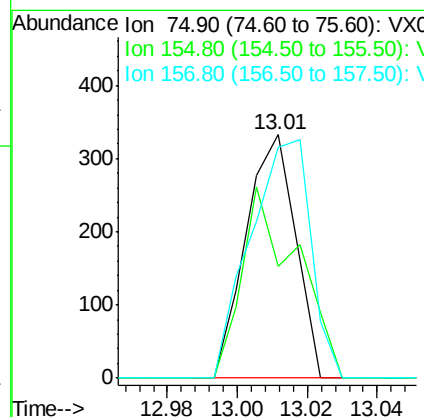
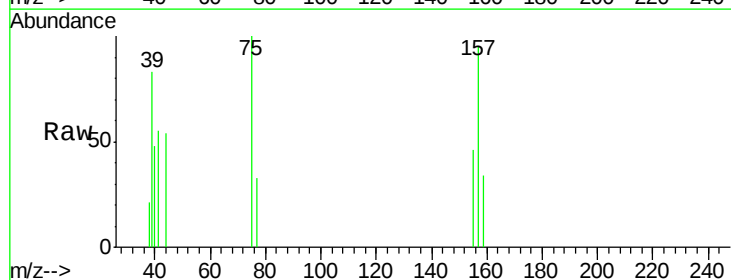
Manual Integrations
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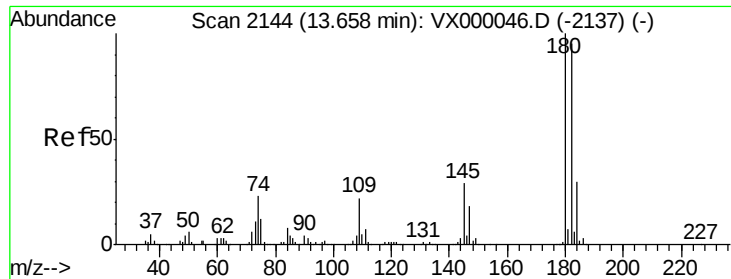
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 0.51 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. -0.00 min
Lab File: VX000061.D
Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.7	52.0	156.0
157	120.2	65.3	195.9





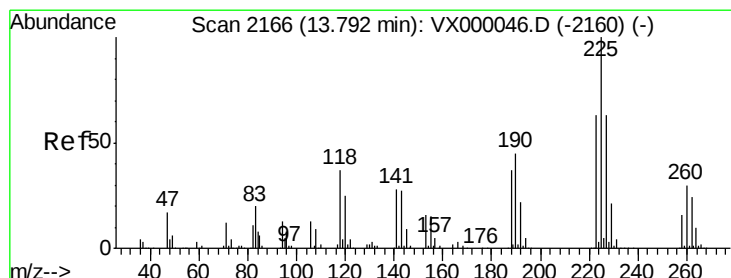
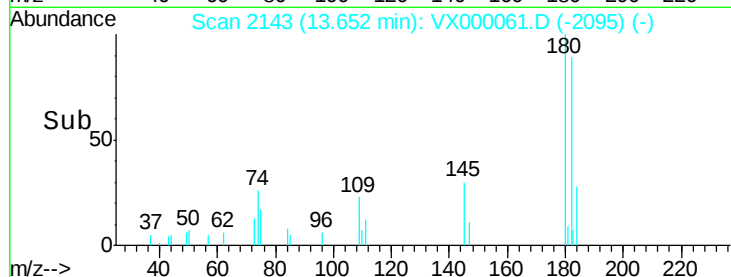
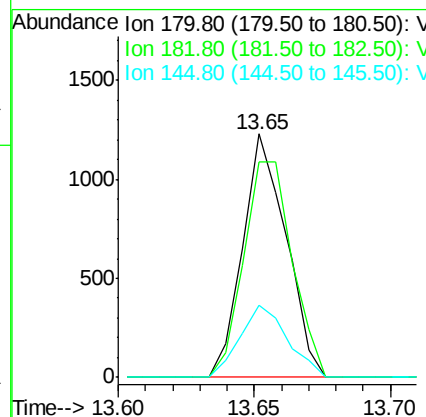
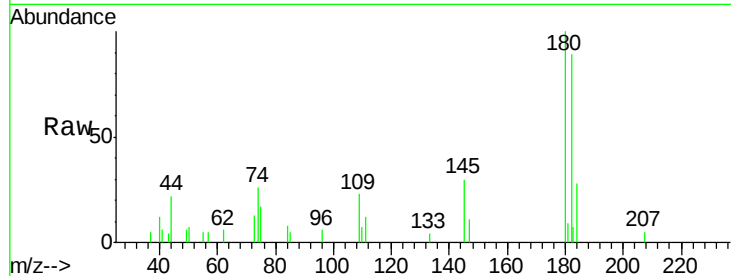
#93
 1,2,4-Trichlorobenzene
 Concen: 0.54 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.01 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Instrument :
 Client Sampled :
 MDL 05

Tot Ion	Ratio	Resp	Lower	Upper
180	100	1355		
182	99.3	48.0	144.0	
145	32.6	14.7	44.1	

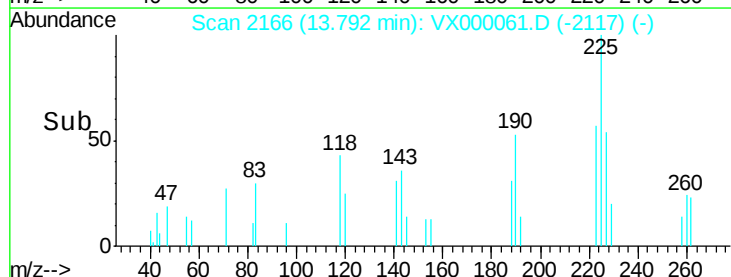
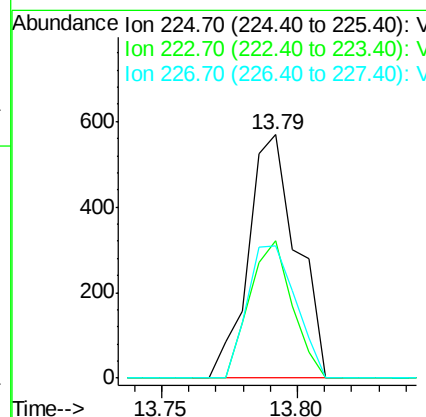
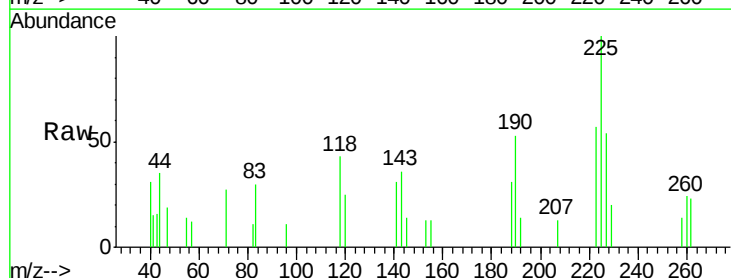
Manual Integrations
 APPROVED

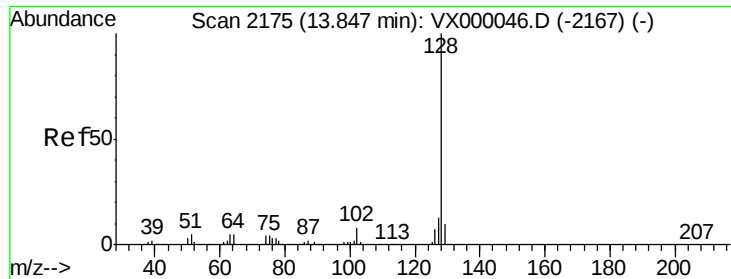
MMDadoda
 2/15/2018 6:05:09 PM



#94
 Hexachlorobutadiene
 Concen: 0.59 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000061.D
 Acq: 12 Feb 2018 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	700		
223	49.6	31.9	95.5	
227	54.6	31.6	95.0	





#95

Naphthalene

Concen: 0.52 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Instrument :

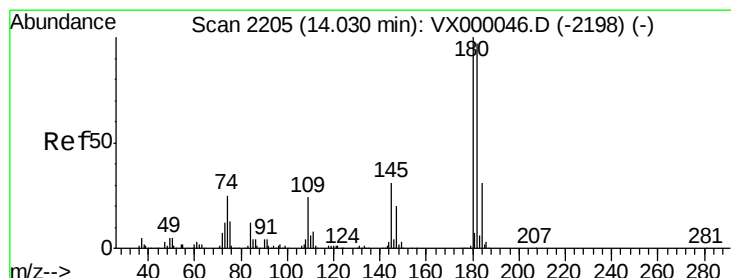
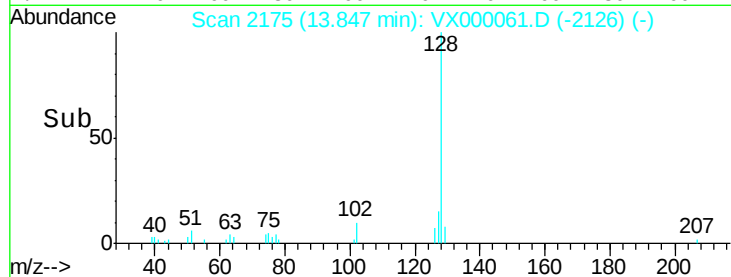
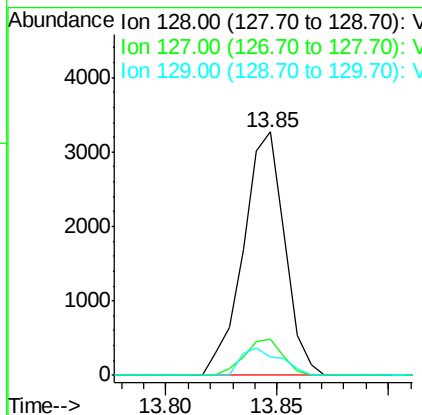
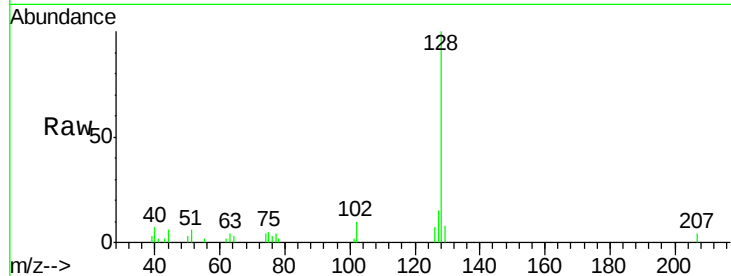
ClientSampled :

MDL 05

Tot Ion:	128	Resp:	4235
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.3	15.5
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:09 PM



#96

1,2,3-Trichlorobenzene

Concen: 0.50 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000061.D

Acq: 12 Feb 2018 13:00

Tgt Ion:	180	Resp:	1213
Ion Ratio	Lower	Upper	
180	100		
182	107.8	47.9	143.7
145	33.6	15.7	47.0

